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❧ Reports ❧

— OF THE —

CITY OFFICERS

— OF THE —

CITY OF ROCKFORD,

ILLINOIS,

— FOR THE —

FISCAL YEAR 1887.

[EIGHT MONTHS ONLY.]

Published by Authority of the City Council.

ROCKFORD :
GAZETTE STEAM PRINTING HOUSE.
1888.

REPORTS

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CITY
GOVERNMENT AND OFFICERS.

—AND—

OFFICERS AND MEMBERS

—OF—

DEPARTMENTS.

CITY GOVERNMENT.

JANUARY 1, 1888.

MAYOR.

HON. HORACE C. SCOVILL.

ALDERMEN.

Wards.	Names.	Term Expires.
1.	CHARLES RITCHIE, - - - - -	May, 1889
	C. W. BUTTERWORTH, - - - - -	" 1888
2.	EDWARD W. BROWN, - - - - -	" 1889
	JOHN L. CLARK, - - - - -	" 1888
3.	W. B. REYNOLDS, - - - - -	" 1889
	THOMAS J. DERWENT, - - - - -	" 1888
4.	E. W. BLAISDELL, - - - - -	" 1889
	SAMUEL N. JONES, - - - - -	" 1888
5.	ALVIN E. CROWELL, - - - - -	" 1889
	MARTIN RHOADES, - - - - -	" 1888
6.	G. A. SALSTROM, - - - - -	" 1889
	WESLEY D. CLARK, - - - - -	" 1888
7.	SAMUEL P. CRAWFORD, - - - - -	" 1889
	THOMAS W. COLE, - - - - -	" 1888

CITY OFFICERS.

City Clerk,	- - - - -	E. K. CONKLING.
City Attorney,	- - - - -	A. E. HOLT.
City Treasurer,	- - - - -	HORACE BROWN.

28516 Duwog 1889 676

STANDING COMMITTEES

Of the City Council of the City of Rockford, for the Municipal
Year 1887-8. Appointed by Hon. H. C. Scovill,
Mayor, May 2d, 1887.

1. FINANCE.—T. J. Derwent, W. D. Clark, Chas. Ritchie, Martin Rhoades, G. A. Salstrom.
2. CLAIMS.—W. D. Clark, S. N. Jones, S. P. Crawford, T. J. Derwent, C. W. Butterworth.
3. FIRE AND WATER.—T. W. Cole, A. E. Crowell, E. W. Blaisdell, E. W. Brown, W. D. Clark.
4. JUDICIARY.—A. E. Crowell, W. B. Reynolds, C. W. Butterworth, Charles Ritchie, J. L. Clark.
5. STREETS AND ALLEYS.—S. N. Jones, Martin Rhoades, Charles Ritchie, S. P. Crawford, W. D. Clark.
6. RAILROADS.—C. W. Butterworth, J. L. Clark, E. W. Blaisdell, S. P. Crawford, G. A. Salstrom.
7. SCHOOLS AND SCHOOL HOUSES.—S. P. Crawford, E. W. Brown, A. E. Crowell, G. A. Salstrom, E. W. Blaisdell.
8. LICENSE.—E. W. Blaisdell, S. N. Jones, W. D. Clark, C. W. Butterworth, Martin Rhoades.
9. POLICE.—G. A. Salstrom, T. J. Derwent, J. L. Clark, W. B. Reynolds, T. W. Cole.
10. HEALTH.—W. B. Reynolds, G. A. Salstrom, E. W. Brown, J. L. Clark, T. W. Cole.
11. SIDEWALKS.—J. L. Clark, A. E. Crowell, G. A. Salstrom, W. B. Reynolds, E. W. Blaisdell.
12. SEWERS.—E. W. Brown, S. N. Jones, C. W. Butterworth, S. P. Crawford, Martin Rhoades.
13. PUBLIC BUILDINGS AND GROUNDS.—Charles Ritchie, T. J. Derwent, G. A. Salstrom, T. W. Cole, A. E. Crowell.
14. CITY LIGHTS.—Martin Rhoades, E. W. Brown, S. N. Jones, Charles Ritchie, W. B. Reynolds.

POLICE DEPARTMENT.

CITY MARSHAL,

A. W. WEBB.

D. C. CHANDLER,	- - - - -	First Assistant Marshal.
JOHN BEATSON,	- - - - -	Assistant Marshal.
M. M. HAYNES,	- - - - -	Assistant Marshal.
J. A. McEVoy,	- - - - -	Assistant Marshal.
P. J. SULLIVAN,	- - - - -	Assistant Marshal.
E. L. TISDALE,	- - - - -	Assistant Marshal.
M. B. LITTLE,	- - - - -	Assistant Marshal.
CHAS. CAVANAUGH,	- - - - -	Assistant Marshal.
JOHN GRANS,	- - - - -	Assistant Marshal.

CITY JAIL.

THOMAS SULLY,	- - - - -	Officer in Charge.
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POLICE MAGISTRATE,

L. L. MORRISON.

HEALTH DEPARTMENT.

E. E. ODER, M. D., - - - - - Health Officer.

BOARD OF HEALTH.

HON. H. C. SCOVILL, - - - - - President.
 A. W. WEBB, - - - - - Secretary.
 ALD. W. B. REYNOLDS, DR. E. E. ODER,

FIRE DEPARTMENT.

JNO. T. LAKIN, - - - - - Fire Marshal.
 HEADQUARTERS.—Hose Co. No. 1, and Hook and Ladder No. 1.
 EDWARD HEFFERAN, First Assistant Marshal.
 S. T. JULIAN, FRANK THOMAS, JNO. DOUGHERTY, GEO. HINDS.

STATION No. 2—Hose Co. No. 2.
 T. W. GRIFFIN, Second Assistant Marshal.
 JOHN CONELLY, JNO. CAVANAUGH.

STATION No. 3—Hose Co. No. 3.
 D. B. SMITH, JOHN BAUM, JOHN WALL.

STATION No. 4—Hose Co. No. 4.
 BEN McLAUGHLIN, FRED LUCE.

BOARD OF SCHOOL INSPECTORS.

									Term Expires.
HENRY N. BAKER, President,	-	-	-	-	-	-	-	-	July 1, 1889
THOMAS BUCHANAN,	-	-	-	-	-	-	-	-	July 1, 1889
ALFRED TAGGART,	-	-	-	-	-	-	-	-	July 1, 1889
MICHAEL S. BEBB,	-	-	-	-	-	-	-	-	July 1, 1888
DR. FRANK H. KIMBALL,	-	-	-	-	-	-	-	-	July 1, 1888
E. K. CONKLING, Clerk.									

PUBLIC LIBRARY.

BOARD OF DIRECTORS.

[illegible]

W. L. ROWLAND, Librarian; LIZZIE J. WILLIAMSON, Ass't Librarian.

PARK COMMISSIONERS.

EAST SIDE.

[illegible]

PARK COMMISSIONERS.

WEST SIDE.

	Term Expires.
N. E. LYMAN, - - - - -	July 1, 1888
HON. R. H. TINKER, - - - - -	July 1, 1888
JAMES S. TICKNOR, - - - - -	July 1, 1889
JOHN BARNES, - - - - -	July 1, 1889
HENRY W. PRICE, - - - - -	July 1, 1889

BOARD OF TRUSTEES

OF THE

POLICE AND FIREMAN'S RELIEF FUND.

HON. H. C. SCOVILL, President.

HORACE BROWN, Treasurer,

A. W. WEBB, Secretary.

THOS. W. COLE,

JOHN T. LAKIN,

E. K. CONKLING.

BOARD OF FIRE ENGINEERS.

THOS. W. COLE, Chairman,

JOHN T. LAKIN, Secretary.

HON. H. C. SCOVILL,

A. E. CROWELL,

E. W. BLAISDELL,

E. W. BROWN,

W. D. CLARK.

WATER WORKS.

JOHN T. LAKIN,	- - - - -	Superintendent.
C. W. CALKINS,	- - - - -	} Engineers.
JOHN MOBERG,	- - - - -	
DENNIS SWORDS,	- - - - -	} Firemen.
TOM LONERGAN,	- - - - -	
FRANK ETTINGER,	- - - - -	
M. H. GALLAGHER,	- - - - -	Foreman.

STREET COMMISSIONERS.

W. I. Hart,	- - - - -	District No. 1.
ROBERT W. BARNES,	- - - - -	District No. 1.

CITY ENGINEER.

DANIEL W. MEAD.

POUND MASTERS.

W. I. HART,	- - - - -	West Rockford.
TIMOTHY CAULFIELD,	- - - - -	East Rockford.

MEASURERS OF WOOD.

A. VAN BROCKLIN,	R. H. COTTON.
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CITY WEIGHERS.

W. B. REYNOLDS,	P. F. SCHUSTER,
A. VAN BROCKLIN,	C. B. HANFORD,
H. B. HUTCHINSON.	

AN ORDINANCE.

An Ordinance to amend Section One of Chapter Sixteen of the Revised Ordinance of the City of Rockford, entitled, "Fiscal Year."

Be it ordained by the City Council, of the City of Rockford :

SECTION ONE. That Section One, of Charter Sixteen, of the Revised Ordinance of the City of Rockford, be amended so as to read as follows: Section One, from and after the thirty-first day of December, A. D. 1887, the Fiscal Year of the City of Rockford shall commence on the first day of January, and end on the thirty-first day of December of each and every year.

SECTION TWO. That this ordinance shall take effect and be in force from and after its passage.

[SEAL.]

Attest,

E. K. CONKLING,

City Clerk.

Approved June 21st, 1887.

H. C. SCOVILL,

Mayor.

Passed, June 20th, 1887.

Approved, June 21st, 1887.

WHEREAS, The Fiscal Year has been changed to commence January 1st; Therefore

Resolved, That all City Officers and Committees whose custom has been to report annually, be instructed to make their reports to and including December 31, 1887, and submit them at the Council meeting of January 2, 1888.

Adopted November 7, 1887.

CITY CLERK'S REPORT.

To the City Council of the City of Rockford:

GENTLEMEN—Your Honorable body having by Ordinance changed the Fiscal Year to commence January 1, 1888, and by resolution directed Officers and Committees to report at the regular session of January 2, 1888 (copies of which are hereto attached); I submit herewith a report of the transactions in this office from May 1, 1887, to December 31, 1887, a period of eight months.

So far as I have been able to do so, vouchers have been presented, passed upon and paid, covering the city's expenses to December 31, 1887. This has not in all cases been possible, and some indebtedness must go over to be hereafter provided for.

As the last appropriation provided for twelve months' expenses, and but eight has been paid, it might be expected that a large surplus would be shown in some of the funds, but as much of the income included in and going to make up the appropriation has not been available to this time, and the fact that the appropriation for the Library and School funds are for a year's expenses, regardless of the city's Fiscal Year, this surplus is small. Of this surplus an estimate has been made, and is with other papers of interest in this connection also submitted.

Very respectfully,

E. K. CONKLING, City Clerk.

APPROPRIATIONS

For Corporate, School and Library purposes for the Fiscal
Years 1887-8.

SINKING FUND—

To pay city bonds maturing in 1888.....	\$15,500 00
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INTEREST FUND—

To pay interest on city bonds.....	\$11,885 22
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To pay interest on temporary loans.....	2,000 00
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To pay interest on bonds to be issued...	500 00
--	--------

To pay interest on special loan warrants	79 00
--	-------

\$ 14,464 22

GENERAL FUND.

SALARY OF OFFICERS—

Mayor.....	\$	600	00	
Aldermen		1,500	00	
Clerk.....		1,600	00	
Attorney.....		500	00	
Pound Masters, (two).....		50	00	
				\$ 4,250 00

SPECIAL LOAN WARRANTS—

No. 1, W. H. McCutchan.....	\$	1,038	00	
No. 2, W. H. McCutchan.....		635	19	
				\$ 1,673 19

MISCELLANEOUS—

Rent of council rooms.....	\$	350	00	
Four telephones.....		96	00	
Care of city clock.....		60	00	
Care of council rooms.....		100	00	
Printing blanks, reports and ordinances		300	00	
Clerk hire.....		600	00	
Election expenses.....		200	00	
Contingent expenses.....		300	00	
Book rack in vault.....		75	00	
Matting council rooms.....		60	00	
Stationery.....		100	00	
Typewriter.....		100	00	
				\$ 2,341 00

POLICE DEPARTMENT—

Salary of Marshal.....	\$	1,000	00	
Salary of seven assistant marshals.....		5,600	00	
Salary of two assistant marshals.....		1,600	00	
Rent of First street station.....		75	00	
Use of three telephones.....		72	00	
Supplies.....		150	00	
Fitting up station.....		75	00	
Special police and emergency.....		100	00	
Patrol, salary of driver \$600, and re- pairs and horseshoeing \$75.....		675	00	
				\$ 9,347 00

ALARM LINE—

Extension and maintenance.....				150 00
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MERCHANTS' POLICE ASSOCIATION—

East side.....	\$	80	00	
West side.....		160	00	
				\$ 240 00

CITY JAIL—

Salary of keeper*.....	\$	800	00	
Board of prisoners.....		450	00	
Stone.....		180	00	
Coal and gas.....		80	00	
Repairs.....		115	00	
Supplies.....		75	00	
				\$ 1,700 00

FIRE DEPARTMENT—

Salary of marshal.....	\$	800	00
Salary of 1st assistant marshal.....		780	00
Salary of 2d assistant marshal.....		720	00
Salary of eleven men at \$600.....	6,	600	00
Horse-feed; fire \$500; police \$80.....		580	00
Fuel; fire \$290; police \$50.....		340	00
Bedding; fire \$75; police \$10.....		85	00
Lights; fire \$175; police \$75.....		250	00
Use of five telephones.....		120	00
Laundry work.....		100	00
Horseshoeing.....		135	00
Repairs of apparatus.....		200	00
Rent of station No. 4.....		66	00
Repairs of station No. 2.....		191	00
General expenses.....		500	00
Property—Reserve cart.....		125	00
1,000 feet of hose.....		800	00
One horse.....		200	00
One harness.....		75	00

CONTRACTS ON HAND—

Police and fire headquarters.....	846	90
Station No. 3.....	1,528	24

 \$ 15,042 14

FIRE ALARM—

Line work.....	\$	250	00
Maintenance.....		200	00
Construction.....		1,103	98

 \$ 1,553 98

HEALTH DEPARTMENT—

Salary of health officer.....	\$	450	00
Salary of hospital keeper.....		250	00
Removing nuisances.....		100	00
Repair of hospital.....		40	00
Disinfecting public buildings.....		75	00
Supplies.....		100	00
Printing.....		75	00
Contingent expenses.....		200	00
House inspection.....		225	00

 \$ 1,515 00

CITY LIGHTS—

456 lamps at \$24.....	\$10,944	00
Seven lamps on bridge at \$41 14.....	288	00
Rent of 92 posts at \$2.....	184	00
Rent of 161 posts at \$1 25.....	201	25
Rent of 146 posts at \$1.....	146	00
Lighting council rooms.....	100	00
Lamps that may be located during year	1,136	75
Placing names of streets on street lamps	400	00

 \$ 13,400 00

PUBLIC PARKS—

Placing fountain and maintenance in Haskell Park.....	\$	250	00
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Maintenance of Blinn and other West Side parks	50 00		
Maintenance of East Side park.....	200 00		
	<hr/>	\$	500 00

LEGAL EXPENSES—

For contingent damages and legal ex- penses	600 00		
Stationery	25 00		
	<hr/>	\$	625 00

WATER WORKS FUND.

Salary of superintendent	\$ 1,200 00		
Salary of engineer.....	1,000 00		
Salary of assistant engineer.....	780 00		
Salary of two firemen.....	1,350 00		
Salary extra firemen.....	500 00		
Salary of foremen.....	900 00		
Collection and inspection.....	600 00		
Mains and hydrants—material.....	600 00		
Mains and hydrants—labor.....	600 00		
Fuel.....	2,000 00		
Lights.....	175 00		
General repairs.....	500 00		
Horse and wagon.....	125 00		
Drayage.....	75 00		
Office expenses of superintendent and cl'k.	220 00		
Use of telephones.....	48 00		
Tools and fixtures.....	150 00		
Stock—special length services.....	500 00		
Extension of mains.....	10,000 00		
Supplies	600 00		
To refund money advanced on wells 3 and 4.....	3,700 00		
To pay overdrafts, 1886-7.....	715 96		
For water supply.....	10,000 00		
	<hr/>	\$	36,338 96

STREET FUND.

To pay overdraft of 1886-7.....	\$ 540 58		
Bridge on School street, abutments, P. Robertson.....	\$ 1,169 00		
Superstructure, Ward & Keepers.....	775 00		
Approaches.....	300 00		
Supervision.....	60 00		
	<hr/>	\$	2,304 00
Bridge on Railroad avenue, and other bridges on Keith's creek.....	\$ 1,000 00		
Bridge repairs and painting.....	500 00		
Ordinary repairs of streets cleaning and winter use.....	11,750 00		
Lumber, oak and pine.....	2,300 00		
Permanent crossings.....	500 00		
Establishing grades, streets and walks..	500 00		

Monuments.....	675 00	
Recording, engineer's department.....	250 00	
Salary two street commissioners.....	1,800 00	
Sidewalks abutting on public property..	300 00	
Sidewalks ordered by ordinance.....	300 00	
	<hr/>	\$ 19,875 00

SEWER FUND.

Grove street sewer, city's assessment...\$	1,406 82	
General repairs.....	500 00	
Apparatus for cleaning sewers.....	200 00	
Cleaning sewers and basins.....	250 00	
Advancing sewer system.....	1,000 00	
Refunding assessments for Market street sewer on property assessed in Grove street sewer system.....	200 00	
Extension of, or new sewers.....	1,000 00	
	<hr/>	\$ 4,556 82

SCHOOL FUND.

Salaries of teachers.....	\$37,000 00	
Salaries of janitors.....	3,000 00	
Salary of superintendent.....	2,000 00	
Salary of clerk.....	200 00	
Coal.....	3,100 00	
Repairs.....	2,000 00	
Furnaces.....	1,400 00	
Supplies.....	1,200 00	
Seats.....	300 00	
Apparatus.....	200 00	
Library at high school.....	300 00	
Use of telephones.....	216 00	
Printing.....	300 00	
Census.....	100 00	
Water service.....	60 00	
Rents.....	500 00	
Miscellaneous.....	1,000 00	
Evening school.....	500 00	
	<hr/>	\$ 53,476 00

LIBRARY FUND.

Maintenance.....	\$ 4,500 00
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SCHOOL BUILDING FUND.

Present balance.....	\$ 794 00	
School building purposes.....	12,000 00	
	<hr/>	\$ 12,794 23
Total appropriation.....		<hr/> \$216,687 12

STATEMENT.

Showing the sources from which Appropriations for the Fiscal Year 1887 are derived :

	Tax Levy.	Bonds.	Unappropriated.	Unexpended Balances.	Miscellaneous.	Appropriation
GENERAL FUND.....	\$ 45,446 84		\$4,223 96	\$2,954 87		
Avon Street Assessment.....					\$ 211 61	
Liquor Licenses.....					17,000 00	
General Licenses.....					1,500 00	
Fines and Penalties.....					1,000 00	\$ 52,337 31
WATER WORKS FUND.....	4,021 73	\$13,000 00	1,850 01			
Water Rents.....					17,000 00	
Service 1886.....					467 22	36,338 96
STREET FUND.....	17,675 73					
Road and Bridge Tax '85.....				2,243 85		
Road and Bridge Tax '86.....					2,800 00	
SCHOOL FUND.....	48,006 12		369 88			22,719 58
State.....					4,500 00	
Tuition.....					600 00	53,476 00
SCHOOL BUILDING FUND.....		12,000 00		794 23		12,794 23
INTEREST FUND.....	14,115 72		348 50			14,464 22
SEWER FUND.....	4,109 15			447 67		4,556 82
LIBRARY FUND.....	4,500 00					4,500 00
SINKING.....	15,500 00					15,500 00
Total.....	\$133,375 29	\$25,000 00	\$6,792 35	\$6,440 62	\$45,078 86	\$216,687 12

TRIAL BALANCE

December 31, 1887.

	DR.	CR.
Street Fund 1887.....	\$ 88	
Library Fund.....	126 09	
School Building Fund.....	243 39	
Interest Fund.....	772 30	
Sinking Fund.....	7,000 00	
Unappropriated Fund.....	1,022 01	
Special Assessment Fund Avon St. Sewer...	72 06	
Special Assessment Fund Grove St. Sewer..	147 51	
City Street and Bridge Town Tax Fund.....	272 73	
State School Fund.....		\$ 143 85
Water Works Fund.....	550 34	
Sewer Fund.....	45 64	
School Fund.....	27 31	
General Fund.....	477 42	
Water Works Property.....	339,002 05	
Water Works Tools and Fixtures.....	3,995 59	
Increased Water Supply.....	2,188 41	
Water Works Stock and Construction.....	12,317 18	
Water Works Expenses.....	7,014 01	
Police Department Real Estate.....	2,532 81	
Police Department Personal Property.....	769 00	
Police Alarm Line.....	266 94	
Police Department Expense.....	6,323 68	
Fire Department Property.....	16,577 61	
Fire Department Expenses.....	8,365 79	
Hospital Property.....	3,969 00	
Personal Property Health Department.....	27 25	
Health Department Expense.....	961 56	
Library Property.....	10,000 00	
Library Expense.....	3,551 69	
Fire Alarm.....	5,932 75	
Personal Property Council Rooms.....	947 47	
Personal Property School Buildings.....	5,892 74	
SCHOOL PROPERTY—Adams.....	28,000 00	
Lincoln.....	28,000 00	
Hall.....	11,081 03	
Kishwaukee.....	6,000 00	
Blake.....	6,000 00	
Ellis.....	6,225 83	
Haskell.....	9,000 00	
Kent.....	2,200 00	
Marsh.....	7,000 00	
Nelson.....	9,448 64	
Montague.....	11,222 72	
High.....	38,821 07	

SCHOOL EXPENSE—	Adams.....	4,148	66		
	Lincoln.....	5,375	44		
	Hall.....	2,552	71		
	Kishwaukee.....	1,402	77		
	Blake.....	1,498	62		
	Ellis.....	1,384	16		
	Haskell.....	2,033	42		
	Kent.....	3,584	62		
	Montague.....	1,346	79		
	Marsh.....	1,418	91		
	Nelson.....	1,549	40		
STREET EXPENSE—	General.....		37	57	
Street Expense, Dist. No. 1.....		8,003	29		
“ “ Dist. No. 2.....		7,270	79		
Sewers.....		6,812	01		
Bridges.....		12,066	40		
Real Estate.....		5,043	31		
Special Assessments Sidewalks.....		380	02		
Tax Collector.....		138,739	07		
City Bonds.....				230,700	00
Surplus.....				152,315	68
General Revenue.....				426,706	33
Interest on Bonded Debt.....		8,926	75		
Interest on Temporary Loans.....		681	62		
Liquor License Revenue.....				24,133	44
Water Works Revenue.....				10,877	65
Permanent Crossings.....		87	03		
Parks.....		500	00		
Non-resident Tuition.....				497	14
Printing.....		311	61		
Grade Points—Monuments.....		535	09		
Rents.....		233	33		
Sewer Expense.....		176	75		
Legal Expense.....		303	35		
Election Expense.....		1	50		
Bridge Expense.....		62	07		
Artesian Wells Nos. 2 and 3.....		1,022	02		
Merchants' Police Association.....		159	99		
Bridge Railroad Avenue.....		163	80		
Sewer Kent Street.....		304	36		
Sewer Market Street.....		97	49		
Temporary Loans.....				40,300	00
School Expense, General.....		1,762	10		
School Expense, High.....		4,486	36		
City Jail.....		727	61		
Well Connections.....		383	67		
Artesian Well No. 4.....		2,281	28		
Engineer's Street Service.....		616	44		
Engineer's Sewer Service.....		481	63		
Con. Fire and Police Building, Church St....		4,893	18		
Real Property Fire and Police.....		3,023	91		
Library High School.....		734	29		
Sewer Grove Street.....		1,406	82		

Bridge School Street.....	2,504	59		
Avon Street Improvement.....	103	30		
Signs Street Names.....	236	25		
Special Assessment Avon Street.....			72	06
Special Assessment Grove St. Sewer.....			512	53
License Revenue.....			2,029	51
Fines and Penalties.....			631	45
Water Works Service Pipe.....	522	61		
Gas.....	7,957	46		
Con. & Property Fire & Police So. Main St..	4,252	78		
Salary of Officers.....	2,779	25		
General Expense.....	797	11		
Engineer's Record.....	228	70		
Con. School Build'g Court and John Sts.....	6,050	84		
School Property Court and John Sts.....	2,000	00		
Evening School.....	282	24		
	<hr/>		<hr/>	
	\$888,919	64	\$888,919	64

GENERAL STATEMENT.

April 30, 1887.

GENERAL FUND 1886.

RECEIPTS.

Balance on hand April 30, 1887.....	\$	78	82	
TAX COLLECTOR—Levy of 1886, balance		7,276	05	
				\$ 7,354 87

EXPENDITURES.

TEMPORARY TRANSFERS—Unap-				
propriated Fund.....	\$	3,400	00	
Water Works Fund.....		1,000	00	
				\$ 4,400 00
GENERAL FUND, 1887—Surplus transferred..		2,954	87	7,354 87

GENERAL FUND 1887.

RECEIPTS.

GENERAL FUND, 1886—Surplus transferred...\$		2,954	87	
UNAPPROPRIATED FUND, 1886—Amount now appropriated.....		4,223	96	
AVON STREET ASSESSMENT—Advanced costs returned.....				211 64
LICENSES—GENERAL.				
Amusements—Opera House.....	100	00		
Entertainments.....	82	00		
Circuses and Sideshows.....	110	00		
Billiards.....	453	75		
Shooting Galleries.....	45	00		
Roller Skating Rinks.....	16	67		
Junk Dealers.....	100	00		
Milkmen.....	258	30		
Auctioneers.....	25	00		
Commissions on sales by auction.....	26	95		
Scavengers.....	50	00		
Plumbers.....	50	84		
Transportation—Omnibuses.....	60	00		
Hacks.....	100	00		
Express.....	100	00		
Dray.....	30	00		
Pedlers—Fruit and Nuts.....	68	00		
Plated ware.....	11	00		
Matches.....	10	50		
Meat and Fish.....	22	50		
Stationery.....	3	00		
Forward.....	\$	1,723	51	\$ 7,390 47

Brought forward.....	\$ 1,723 51	\$ 7,390 47
Cloths, dry goods and notions.....	22 00	
Cutlery.....	12 00	
Pictures.....	13 00	
Cigars.....	3 00	
Optician's Goods.....	3 00	
Soap.....	16 00	
Plaster Paris Goods.....	10 00	
Unenumerated.....	30 50	
Canvassers—Wire Goods.....	2 00	
Books, Albums, Pictures.....	32 50	
Unenumerated.....	12 00	
Agricultural Society.....	25 00	
Temporary Stocks.....	125 00	

	\$ 2,029 51	
Unappropriated.....	529 51	

1,500 00

FINES AND PENALTIES—POLICE COURT.

Drunk.....	578 50	
Drunk and disorderly.....	35 95	
Disorderly.....	297 40	
Carrying concealed weapons.....	27 60	
Cruelty to animals and fast driving.....	26 65	
Disorderly houses.....	129 75	
Inmates disorderly houses.....	98 20	
Interfering with officers.....	11 00	
Violation of Ordinances concerning—		
Animals.....	30 55	
Intoxicating liquors.....	83 65	
Dogs.....	8 15	
Encumbering Streets.....	10 80	
Sprinkling.....	37 00	
Fire.....	12 00	
Junk.....	3 50	

	\$ 1,390 70	
Costs retained.....	\$669 35	
Costs order No. 54.....	88 30	757 65

	\$ 633 05	
Justice Weld's Court.....	12 40	

645 45

LICENSES—LIQUOR.

Twenty-five licenses and fees.....	23,956 79	
Five one-gallon licenses and fees.....	176 65	

	\$24,133 44	
Unappropriated.....	7,133 44	

17,000 00

Forward \$26,535 92

Brought forward.....		\$26,535 92
CITY JAIL.		
Broken stones used Dist. No. 2.....	314 60	
Care of Durand prisoners.....	4 95	
	<hr/>	319 55
FIRE DEPARTMENT EXPENSE.		
Order No. 2044, error.....	4 89	
Scrap iron.....	1 50	
	<hr/>	6 39
CONSTRUCT'N FIRE & POLICE BUILD'G MAIN-ST.		
From J. S. Gray, proportion of cost.....		13 12
TEMPORARY TRANSFERS.		
From Library Fund.....	400 00	
Unappropriated Fund.....	300 00	
School Building Fund.....	3,500 00	
Street Fund.....	3,000 00	
School Fund.....	1,000 00	
	<hr/>	8,200 00
TEMPORARY LOANS.		
Time Orders Nos. 1, 2 and 3.....		7,800 00
		<hr/>
EXPENDITURES.		\$42,874 98
FIRE DEPARTMENT EXPENSE.		
Salaries—John T. Lakin, Marshal.....	533 29	
Ed. Hefferan, First Asst. Mar....	520 00	
T. W. Griffin, Second Asst. Mar...	480 00	
Pay roll 11 firemen.....	4,393 00	
Rent, Woodruff's addition.....	44 00	
Repairs.....	675 96	
Supplies.....	368 30	
Feed.....	546 38	
Blacksmithing.....	104 25	
Gas.....	115 15	
Bedding.....	48 50	
Laundry.....	46 74	
Freight and expressage.....	45 06	
Labor.....	9 10	
Telephones.....	90 00	
Veterinary services.....	46 95	
Printing and stationery.....	17 55	
Livery.....	5 50	
E. Hefferan to Chicago.....	8 00	
Coal.....	274 45	
	<hr/>	8,372 18
FIRE DEPARTMENT PROPERTY.		
One pair horses.....	350 00	
One 2-wheel hose cart.....	125 00	
Harness.....	89 80	
Seven hundred and fifty feet 2½ in. hose....	563 00	
Stove.....	10 00	
	<hr/>	1,137 80
Forward.....		\$ 9,509 98

Brought forward.....		\$ 9,509 98
FIRE ALARM.		
Five alarm boxes and fixtures.....	780 38	
One engine house gong.....	125 00	
Three galvanometers.....	30 00	
Fixtures.....	37 69	
Labor.....	246 50	
Supplies.....	80 60	
Material, poles.....	93 60	
Material—Sundry.....	72 65	
Freight and expressage and telegrams.....	13 48	
		1,479 90
POLICE DEPARTMENT EXPENSE.		
Salaries—A. W. Webb, Marshal.....	666 67	
D. C. Chandler, First Asst. Marshal.....	533 34	
P. J. Sullivan, Asst. Marshal.....	533 34	
J. A. McEvoy, “ “.....	533 34	
John Beatson, “ “.....	533 34	
M. M. Haynes, “ “.....	533 34	
M. B. Little, “ “.....	375 59	
John Grans, “ “.....	479 81	
Edward Tisdale, “ “.....	528 95	
Chas. Cavanaugh, “ “.....	479 81	
Special service—Frank Fackel.....	124 44	
D. W. Baker.....	7 00	
Rent—Station East Side.....	50 00	
Supplies and expressage.....	96 47	
Printing.....	36 65	
Telephones, rents and message.....	63 48	
Fitting up Station.....	84 17	
Helmets.....	27 00	
Veterinary services.....	4 05	
Fuel.....	50 00	
Gas.....	59 00	
Livery.....	8 50	
Patrol—Salary driver.....	400 00	
Blacksmithing.....	13 90	
Repairs.....	27 88	
Supplies.....	6 57	
Feed.....	60 04	
Bedding.....	7 00	
		6,323 68
PERSONAL PROPERTY—POLICE.		
Desk Marshal's office.....	34 00	
Revolvers.....	94 00	
		128 00
POLICE ALARM LINES.		
Five boxes and fixtures.....	36 60	
One register and fixtures.....	67 50	
Labor and material.....	88 79	
Forward.....	\$ 192 89	\$17,441 56

Brought forward.....	\$	192 89	\$17,441 56
Expressage.....		3 05	
Printing.....		2 75	
			198 69
POLICE—MERCHANTS' ASSOCIATION.			
Allowance—East Side.....		53 33	
Allowance—West Side.....		106 66	
			159 99
FINES AND PENALTIES.			
Docket, police magistrate.....			14 00
CITY JAIL.			
Salary—Thomas Sully.....		533 34	
Board of prisoners.....		215 10	
Stone.....		137 20	
Supplies.....		57 72	
Repairs.....		20 85	
Telephone.....		18 00	
Coal.....		54 95	
Gas.....		10 00	
			1,047 16
HEALTH DEPARTMENT EXPENSE.			
Salary—E. E. Oder, M. D., Health Officer.		300 00	
Salary—Keeper of Hospital.....		166 67	
Inspection.....		233 00	
Printing and advertising.....		47 03	
Removal of nuisances.....		100 25	
Disinfectants.....		41 71	
Expense Health Officer to Sanitary Con-			
vention.....		25 00	
Telephone.....		18 00	
Repairs.....		7 45	
Expressage.....		2 50	
Supplies.....		19 95	
			961 56
GAS ACCOUNT.			
Gas used in street and bridge lamps.....		7,343 53	
Gas used in Council rooms.....		77 05	
Rent of posts to July 1, 1888.....		536 88	
			7,957 45
CONSTRUCT'X FIRE & POLICE BUILD'G, CHURCH			
ST.—COMPLETION & ALTERATION, VIZ:			
Lumber, plastering, labor—O. Truman....		300 51	
Lumber fittings—T. J. Dement.....		107 46	
Plumbing.....		92 71	
Gas fittings.....		71 33	
Water service.....		91 64	
Painting.....		61 25	
Feed boxes and tubs.....		46 00	
One No. 10 furnace.....		65 00	
Water service, W. A.....		11 00	
			846 90
Forward			\$28,627 31

Brought forward.....		\$28,627 31
CONSTRUCTION.		
Fire and Police building, So. Main St., O. Truman, builder.....	1,346 00	
Water service.....	26 00	
Plumbing.....	111 44	
Gutters.....	26 24	
Material.....	102 22	
		1,611 90
SURPLUS.		
Refunded—License No. 298.....		2 50
SIGNS—STREET NAMES.		
315 names of streets on lamps.....		236 25
PRINTING.		
Pamphlets.....	100 00	
Books and blanks.....	110 00	
Ordinances.....	69 25	
Advertising.....	32 36	
		311 61
SALARY OF OFFICERS.		
Mayor.....	400 00	
Aldermen.....	948 00	
Clerk.....	1,066 67	
Attorney.....	333 33	
Pound master (2).....	31 25	
		2,779 25
LEGAL EXPENSE.		
Printing and stationery.....	6 50	
Telephones.....	18 00	
Costs attending Falvey case.....	186 15	
Brill case.....	1 95	
Anderson case.....	1 55	
Fisher case.....	4 15	
Burnap case.....	1 35	
Hart case.....	12 75	
Thayer case.....	25 50	
Damages, judgment, Thayer vs. City, and interest.....	45 45	
		303 35
PARKS.		
Appropriation—East Side.....	200 00	
West Side.....	300 00	
		500 00
RENTS.		
Council rooms, Winnebago Co.....		233 33
SPECIAL LOAN WARRANTS.		
W. H. McCutchan, No. 1.....	1,038 00	
W. H. McCutchan, No. 2.....	635 19	
		1,673 19
Forward.....		\$36,278 69

Brought forward.....		\$36,278 69
PERSONAL PROPERTY—COUNCIL ROOMS.		
Cases	35 25	
Caligraph.....	85 00	
	<hr/>	120 25
ELECTION EXPENSE.		
Use of stove Fifth ward.....		1 50
GENERAL EXPENSE.		
Salary Miss Marcellus.....	400 00	
Cleaning office.....	66 66	
Postage.....	34 30	
Incidentals	57 30	
Matting council rooms.....	57 01	
Screens council rooms ..	19 75	
Carriages, Memorial Day.....	15 00	
Stationery.....	51 64	
Telephones	55 45	
Care of clock.....	40 00	
	<hr/>	797 11
TEMPORARY TRANSFERS.		
To Street fund.....	3,000 00	
Sewer fund.....	800 00	
Library fund.....	400 00	
School fund.....	1,000 00	
	<hr/>	5,200 00
		<hr/>
		\$42,397 56

RECAPITULATION.

RECEIPTS.

General fund, 1886.....	2,954 87
Unappropriated fund, 1886.....	4,223 96
Avon street assessment.....	211 64
Licenses—General.....	1,500 00
“ Liquor.....	17,000 00
City jail.....	319 55
Fire department expense.....	6 39
Con. fire and police building, Main-st.....	13 12
Temporary transfers.....	8,200 00
Temporary loans.....	7,800 00
Fines and penalties.....	645 45

42,874 98

EXPENDITURES.

Fire department expense.....	8,372 18
Fire department property.....	1,137 80
Fire alarm.....	1,479 90
Police department expense.....	6,323 68
Personal property—Police.....	128 00
Police—Alarm line.....	198 69
Police—Merchants' association.....	159 99
Fines and penalties.....	14 00
City jail.....	1,047 16
Health department expense.....	961 56
Gas account.....	7,957 46
Con. fire and police building, Church-st.....	846 90
Con. fire and police building, Main-st.....	1,611 90
Surplus.....	2 50
Signs—Street names.....	236 25
Printing.....	311 61
Salary of officers.....	2,779 25
Legal expense.....	303 35
Parks.....	500 00
Rents.....	233 33
Special loan warrants.....	1,673 19
Personal property council rooms.....	120 25
Election expense.....	1 50
General expense.....	797 11
Temporary transfers.....	5,200 00

42,397 56

Balance on hand Dec. 31, 1887.....

\$ 477 42

SCHOOL FUND, 1886

School Year Expiring June 30, 1887.

(TWO MONTHS.)

RECEIPTS.

Balance on hand April 30, 1887.....	\$	60	12	
Tax Collector.				
Levy of 1886—balance.....		12,713	94	
				\$12,774 06

EXPENDITURES.

GENERAL SCHOOL EXPENSE.				
Salary—Superintendent.....		333	39	
Printing.....		22	70	
Supplies.....		9	29	
				\$365 38
TEMPORARY LOANS.				
Time orders paid—Nos. 24 to 28 inclusive,		4,400	00	
TEMPORARY TRANSFER.				
Unappropriated fund, replaced.....		200	00	
HIGH SCHOOL LIBRARY.				
Books.....		97	61	
EXPENSE BY BUILDINGS.				
(See schedule attached) "A".....		7,711	07	
				12,774 06

SCHEDULE "A."

SCHOOL.	Teachers.	Janitors.	Repairs.	Supplies.	Telephones.	Miscellaneous.	Totals.
High.....	\$ 1,000 00	\$ 90 00	\$ 1 55	\$ 36 54	\$ 9 00	\$ 153 37	\$ 1,290 46
Adams.....	1,048 00	70 00	5 29	1 07	9 00		1,133 36
Lincoln.....	1,028 00	60 00	1 55	2 75	9 00		1,101 30
Kent.....	912 00	70 00		48	9 00		991 48
Hall.....	648 00	50 00	1 25		9 00		708 25
Marsh.....	316 00	30 00	2 10				348 10
Kishwaukee.....	324 00	30 00				70	354 70
Nelson.....	316 00	30 00	45 70	2 27			393 97
Haskell.....	316 00	34 00					350 00
Blake.....	308 00	30 00	40	1 05			339 45
Ellis.....	300 00	30 00				8 50	338 50
Montague.....	324 00	30 00				7 50	361 50
	\$ 6,840 00	\$ 554 00	\$ 57 48	\$ 44 16	\$ 45 00	\$ 170 07	\$ 7,711 07

SCHOOL FUND, 1887.

(FOUR MONTHS TO JANUARY 1, 1888.)

RECEIPTS.

UNAPPROPRIATED FUND.	
Appropriated and transferred.....	\$ 369 88
TEMPORARY LOANS.	
Time orders, Nos. 1 to 7 inclusive.	17,800 00
TEMPORARY TRANSFERS.	
From water works fund.....	\$ 3,500 00
Road and bridge fund.....	1,000 00
Unappropriated fund.....	3,200 00
School building fund.....	1,000 00
General fund.....	1,000 00
	<hr/>
	9,700 00
SCHOOL EXPENSE—KISHWAUKEE.	
Returned, correction of salary.....	10 00
PERSONAL PROPERTY—SCHOOL BUILDINGS.	
Freight and labor. A. H. Andrews & Co.....	8 73
NON-RESIDENT TUITION.	
Tuition—Adams.....	50 51
“ Lincoln.....	16 00
“ High.....	204 00
	<hr/>
	270 51
	<hr/>
	\$28,159 12

EXPENDITURES.

LIBRARY—HIGH SCHOOL.	
Books.....	89 78
PERSONAL PROPERTY—SCHOOL BUILDINGS.	
Seats, freight and labor.....	100 43
Tables, chairs.....	52 00
Cases.....	80 00
Gong Lincoln school.....	9 00
	<hr/>
	241 43
PROPERTY HIGH SCHOOL.	
Gas fixtures.....	40 85
GENERAL SCHOOL EXPENSE.	
Census.....	90 00
Salary—P. R. Walker, Supt.....	999 97
Salary—Clerk.....	133 33
Books.....	15 19
Supplies.....	68 56
Printing and advertising.....	84 49
Expressage and incidentals.....	5 18
	<hr/>
	1,396 72
	<hr/>
Forward.....	\$ 1,768 78

Brought forward.....	\$ 1,768 78
SCHOOL EXPENSE.	
By building (See Schedule "B.").....	23,363 03

SCHEDULE "B."

SCHOOL.	Teachers.	Janitors.	Repairs.	Supplies.	Fuel.	Telephones.	Maps and Books.	Miscellaneous.	Furnaces.	Total.
High.....	\$ 2,240 00	\$ 230 00	\$ 165 37	\$ 212 91	\$ 218 54	\$ 12 30	\$ 47 67	\$ 38 91	\$ 62 85	\$ 3,195 90
Adams.....	2,172 00	170 00	87 82	52 29	402 80	12 00	50 64	4 90	321 45	3,015 30
Lincoln.....	2,008 00	170 00	1,193 04	81 75	402 80	12 00	50 44	34 66	321 45	4,274 14
Kent.....	1,876 00	170 00	132 69	49 88	215 80	12 00	24 55	81 20	31 02	2,593 14
Hall.....	1,380 00	125 00	29 37	23 18	235 50	12 00	7 66	1 05	30 70	1,844 46
Marsh.....	680 00	80 00	45 85	18 53	152 00	---	81	84 97	8 63	1,070 81
Kishwaukee.....	680 00	80 00	71 72	36 14	182 40	---	81	---	7 00	1,068 07
Nelson.....	680 00	80 00	129 28	25 41	211 95	---	6 94	---	21 83	1,155 43
Haskell.....	680 00	88 00	170 23	8 03	152 00	---	6 99	---	578 17	1,683 42
Blake.....	632 00	80 00	246 35	19 00	152 00	12 00	6 99	8 33	2 50	1,159 17
Ellis.....	648 00	80 00	72 43	17 34	183 40	---	6 99	36 00	36 00	1,045 66
Montague.....	642 00	80 00	21 06	41 12	190 00	---	81	1 00	9 80	985 29
Evening School.....	215 00	38 00	---	---	---	---	---	29 24	---	282 24
	\$14,433 00	\$1,471 00	\$2,364 81	\$ 585 58	\$2,729 19	\$72 30	\$ 211 30	\$ 285 76	\$1,110 09	\$23,363 03

TEMPORARY TRANSFERS.

To Water Works fund.....	\$2,000 00
General fund.....	1,000 00

3,000 00

\$28,131 81

RECAPITULATION.

RECEIPTS.

Unappropriated fund, 1886.....	\$ 369 88	
Temporary loans.....	17,800 00	
Temporary transfers.....	9,700 00	
School expense—Kishwaukee.....	10 00	
Personal property.....	8 73	
Non-resident tuition.....	270 51	
		28,159 12

EXPENDITURES.

Library—High.....	89 78	
Personal property.....	241 43	
Property—High school.....	40 85	
General school expense.....	1,396 72	
School expense, by building.....	23,363 03	
Temporary transfers.....	3,000 00	
		28,131 81

Balance on hand, Dec. 31, 1887.....	27 31
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SCHOOL BUILDING FUND, 1886.

RECEIPTS.

Balance on hand April 30, 1887.....	\$ 11 53	
TAX COLLECTOR.		
Levy of 1886—balance.....	1,482 70	
		\$ 1,494 23

EXPENDITURES.

TEMPORARY TRANSFERS.		
Unappropriated fund.....	400 00	
TEMPORARY LOANS, 1886.		
Time order No. 1, paid.....	300 00	
SCHOOL BUILDING FUND, 1887.		
Surplus transferred.....	794 23	
		1,494 23

SCHOOL BUILDING FUND, 1887.

RECEIPTS.

SCHOOL BUILDING FUND, 1886.		
Surplus transferred.....	\$ 794 23	
TEMPORARY LOANS.		
Time orders Nos. 1 and 2.....	2,600 00	
TEMPORARY TRANSFERS.		
From Road and Bridge fund.....	1,300 00	
CITY BONDS.		
Bonds sold.....	13,000 00	
		\$16,694 23

EXPENDITURES.

PROPERTY, SCHOOL BUILD'G, COURT & JOHN-STs.	
Lots 7, 8 and 9, block 1, subdivision of block 3, Coleman & Garrison's addition, and west ½ of block 2, and south part of block 3, Clark's addition.....	2,000 00
CON. SCHOOL BUILD'G, COURT & JOHN-STs.	
George Wilson, on Contract.....\$	5,260 59
Geo. Bradley & Son, plans and specifica'ns	150 00
J. L. Clark, 2 Superior furnaces.....	340 00
Advertising and recording.....	10 32
E. C. Roberts, Superintendent.....	207 00
Grading and filling lot.....	41 50
Material and labor.....	28 43
Waste water well.....	13 00
	<hr/>
	6,050 84
TEMPORARY TRANSFERS.	
To Road and Bridge fund.....	1,300 00
General fund.....	3,500 00
School fund.....	1,000 00
	<hr/>
	5,800 00
TEMPORARY LOANS.	
Time orders Nos. 1 and 2, paid.....	2,600 00
	<hr/>
	\$16,450 84

RECAPITULATION.

RECEIPTS.	
School Building fund, 1886.....	794 23
Temporary loans.....	2,600 00
Temporary transfers.....	1,300 00
City bonds.....	12,000 00
	<hr/>
	16,694 23
EXPENDITURES.	
Property, Sch'l Build'g, Court & John-sts.	2,000 00
Con. School Building, Court & John-sts...	6,050 84
Temporary transfers.....	5,800 00
Temporary loans.....	2,600 00
	<hr/>
	16,450 84
	<hr/>
Balance on hand, Dec. 31, 1887.....	\$ 243 39

WATER-WORKS FUND, 1886.

RECEIPTS.

Balance on hand April 30, 1887.....	\$	2,592	27	
TAX COLLECTOR.				
Levy 1886—balance.....		1,691	77	
TEMPORARY TRANSFER.				
General fund replaced.....		1,000	00	
WATER WORKS, 1887.				
Transfer—Overdraft appropriated.....		715	96	
				<u>\$6,000 00</u>

EXPENDITURES.

TEMPORARY LOANS, 1886.				
For time orders paid, Nos. 5 to 12 inc...				6,000 00

WATER-WORKS FUND, 1887.

RECEIPTS.

UNAPPROPRIATED FUND, 1886.				
Amount now appropriated.	\$	1,850	01	
TEMPORARY TRANSFERS.				
From interest fund.....	\$	3,000	00	
School fund.....		2,000	00	
				<u>5,000 00</u>
TEMPORARY LOANS.				
Time order No. 1.....				4,000 00
CITY BONDS.				
Bonds negotiated.....				13,000 00
WATER WORKS REVENUE.				
Rents—Sale of water.....	10,579	71		
Use of water for building service ac't.....		297	94	
				<u>11,877 65</u>
SERVICE ACCOUNT.				
Balance of 1886.....	\$	441	45	
Services placed and material sold, 1887...	3,608	43		4,049 88
STOCK AND CONSTRUCTION.				
Material sold.....				504 45
				<u>\$39,281 09</u>

EXPENDITURES.

WATER WORKS EXPENSE.

Salary—J. T. Lakin, Supt.....	800 00
C. W. Calkins, Engineer.....	666 64
John Moberg, Asst. Engineer.....	520 00
M. H. Gallagher, Foreman.....	196 55
D. G. Lyon, Collector.....	400 00
Firemen, three.....	1,238 95
Labor	561 16
Repairs	342 31
Packing	21 67
Oil.....	107 59
Supplies	176 69
Coal.....	1,344 64
Printing.....	93 93
Gas.....	119 85
Waste	46 46
Telephones	36 00
Stationery and postage.....	57 78
Postage Clerk.....	42 00
Feed.....	74 96
Freight and expressage.....	10 33
Blacksmithing	24 00
Water tank and repairs.....	34 00
Livery.....	50 00
Veterinary services.....	8 00
Valve—Crosby Steam V. & G. Co.....	24 00

6,997 51

STOCK AND CONSTRUCTION.

Material—Lead.....\$	420 86
Valves	300 20
Hydrants and valves.....	610 42
Castings—Frank Ward.....	580 74
Pipe—Gas Co.....	189 68
Pipe—Dennis Long & Co.....	6,176 49
Labor	3,200 89
Oakum.....	40 75
Freight.....	165 53
Supplies	7 54
Curb No. 4 well.....	56 55
Kent street line, J. T. Savage.....	18 50

11,768 15

SERVICE ACCOUNT.

Salary—M. H. Gallagher, foreman.....\$	380 45
Labor	1,618 27
Material—Raymond Lead Co.....	505 77
Fieldhouse & Dutcher, Mfg Co.....	358 91
Crane Bros. Mfg Co.....	99 03
Gas & Coke Co.....	125 66
F. B. Trahem.....	635 94

3,724 03

Forward.....

\$22,489 69

Brought forward.....	\$ 3,724 03	\$22,489 69
Material—Frank Ward.....	464 15	
Jones, Woodruff & Co.....	39 56	
Sundry.....	10 42	
Freight and expressage.....	50 61	
Repairs.....	15 03	
Supplies.....	22 38	
Drills and taps.....	12 33	
	<hr/>	4,338 51
ARTESIAN WELLS NOS. 2 AND 3.		
Material, labor, &c completing Well No. 3.		1,022 02
ARTESIAN WELL No. 4.		
Material, labor, &c, boring & completing..	\$ 2,151 49	
Interest on money advanced by citizens...	129 79	
	<hr/>	2,281 28
WELL CONNECTIONS.		
Connecting Well No. 3 with No 2.....	\$ 229 90	
Connecting Well No. 4 with pit.....	153 77	
	<hr/>	383 67
TOOLS AND FIXTURES.		
Two meters and fixtures.....	\$ 65 36	
Picks, shovels and lanterns.....	51 04	
One Saunders cutter.....	1 50	
Tongs.....	7 07	
Tools and material.....	22 62	
	<hr/>	147 59
INCREASED WATER SUPPLY.		
Expense of investigation.....	55 70	
Plans of reservoir.....	21 50	
One Crosby Gage.....	30 00	
Valves—Fieldhouse & Dutcher Mfg Co....	385 10	
Labor.....	258 12	
Salary—M. H. Gallagher, Foreman.....	25 00	
Freight.....	25 71	
Coal.....	131 21	
Gas.....	15 43	
Supplies and material.....	69 12	
Machine work & castings, Utter Mfg Co..	1,060 07	
	<hr/>	2,076 96
WATER WORKS FUND, 1886.		
Transfer—Over draft.....		715 96
TEMPORARY TRANSFERS.		
To Interest fund.....	3,000 00	
School fund.....	3,500 00	
Street fund.....	2,500 00	
	<hr/>	9,000 00
Forward.....		\$38,731 65

RECAPITULATION.

RECEIPTS.

Unappropriated fund, 1886.....	\$ 1,850 01	
Temporary transfers.....	5,000 00	
Temporary loans.....	4,000 00	
City bonds.....	13,000 00	
Water works revenue.....	10,877 65	
Service account.....	4,049 88	
Stock and construction.....	504 45	
	<hr/>	39,281 99

EXPENDITURES.

Water works expense.....	\$ 6,997 51	
Stock and construction.....	11,768 15	
Service account.....	4,338 51	
Artesian Wells Nos. 2 and 3.....	1,022 02	
Artesian Well No. 4.....	2,281 28	
Well connections.....	383 67	
Tools and fixtures.....	147 59	
Increased water supply.....	2,076 96	
Water works fund, 1886	715 96	
Temporary transfers.....	9,000 00	
	<hr/>	\$38,731 65
Balance on hand Dec. 31, 1887.....		\$ 550 34

STREET FUND, 1886.

RECEIPTS.

Balance on hand April 30, 1887.....	\$ 87 72	
TAX COLLECTOR.		
Levy of 1886—balance.....	3,571 70	
TOWN, ROAD AND BRIDGE TAX.		
Amount expended and appropriated.....	2,200 00	
STREET FUND, 1887.		
Transfer overdraft appropriated.....	540 58	
	<hr/>	6,400 00

EXPENDITURES.

TEMPORARY TRANSFERS.		
Unappropriated fund.....	\$2,600 00	
Town tax fund.....	2,000 00	
	<hr/>	4,600 00
TEMPORARY LOANS, 1886.		
Time orders paid Nos. 1 and 18.....	1,800 00	
	<hr/>	6,400 00

STREET FUND, 1887.

RECEIPTS.

TOWN TAX FUND.		
Surplus of 1885 appropriated.....		2,243 85
TEMPORARY TRANSFERS.		
From General fund.....	\$ 3,000 00	
Library fund.....	900 00	
Unappropriated fund.....	4,000 00	
Road and Bridge fund.....	1,000 00	
Water Works fund.....	2,500 00	
	<hr/>	11,400 00
TEMPORARY LOANS.		
Time orders Nos. 1 to 9 inclusive.....		10,400 00
STREET EXPENSE DIST. NO. 1.		
Order No. 355 Walline Gravel.....		2 70
STREET EXPENSE DIST. NO. 2.		
Error in order 339—R. W. Barnes.....		17 77
		<hr/>
		\$24,064 32

EXPENDITURES.

STREET EXPENSE DIST. NO. 1.		
Amt. paid W. I. Hart, com'r., for labor cleaning and repairing streets.....	\$ 4,931 82	
Salary—W. I. Hart, commissioner.....	600 00	
Lumber, oak.....	985 51	
Lumber, pine.....	1,096 40	
Concrete walks—Park street.....	155 40	
Concrete crossings.....	127 80	
Supplies.....	147 61	
Repairs.....	5 80	
Sewer pipe.....	163 09	
Stone.....	23 00	
Blacksmithing.....	20 70	
Gravel.....	9 00	
One-half cost Auburn street.....	40 00	
Scraper.....	7 00	
Printing.....	4 75	
	<hr/>	
	\$ 8,317 88	
Less sidewalks constructed & collectible...	344 39	
	<hr/>	7,973 49
STREET EXPENSE DIST. NO. 2.		
Amt. paid F. G. Stibb, com'r., for labor, cleaning and repairing streets.....	20 88	
Amt. paid R. W. Barnes, com'r., for labor, cleaning and repairing streets.....	4,033 50	
Salary—F. G. Stibb, commissioner.....	12 00	
Salary—R. W. Barnes, commissioner.....	588 00	
	<hr/>	
Forward.....	\$ 4,654 38	\$12,627 87

Brought forward.....	\$ 4,654 38	\$ 7,973 49
Lumber, oak.....	591 79	
Lumber, pine.....	663 64	
Concrete walk, North Second stree.....	146 00	
Concrete crossings.....	226 30	
Repairs.....	14 50	
Supplies.....	82 73	
Sewer pipe.....	28 17	
Stone from jail, \$314.60; Carrico, \$2.55..	317 15	
Gravel.....	294 55	
Trimming trees.....	13 00	
Printing.....	8 75	
Blacksmithing.....	26 35	
Office rent.....	6 25	
	<hr/>	
	\$ 7,073 56	
Less sidewalk account.....	5 00	
	<hr/>	
		7,068 56
BRIDGE EXPENSE.		
Repairs—Mulberry street.....	11 25	
Montague street.....	4 00	
Tinker street.....	13 02	
Cedar street.....	25 81	
Cunningham street.....	7 99	
	<hr/>	
		62 07
BRIDGE—SCHOOL STREET.		
Engineer's service and expense	59 60	
Abutments—P. Robertson, contractor....	1,239 08	
Supervision—D. A. Sears.....	55 00	
Superstructure—Ward & Keepers, cont'rs	775 00	
Filing approaches.....	327 50	
Lumber.....	11 86	
Cement.....	2 05	
	<hr/>	
		2,470 09
BRIDGE—RAILROAD AVENUE.		
Lumber.....	76 73	
Labor	87 07	
	<hr/>	
		163 80
PERMANENT CROSSINGS.		
Stone—Hadfield Co., Waukesha.....	70 56	
Freight on same.....	16 47	
	<hr/>	
		87 03
ENGINEER'S STREET SERVICE.		
Establishing street and walk grades, En-		
gineer.....	322 50	
Engineer's assistants.....	201 75	
Expense, stationery.....	79 19	
Engineer's labor on report.....	13 00	
	<hr/>	
		616 44
Forward.....		<hr/>
		\$18,441 48

Brought forward.....		\$18,441 48
MONUMENTS.		
Engineer's service	147 00	
Engineer's assistants.....	307 95	
Stationery and expense.....	32 92	
Material—T. J. Dement.....	17 44	
S. Denman.....	29 78	
	<hr/>	535 09
ENGINEER'S RECORDS.		
Engineer's services.....	66 50	
Engineer's assistants.....	98 00	
Stationery and printing.....	64 20	
	<hr/>	228 70
GENERAL STREET EXPENSE.		
Ald. Jones to Milwaukee.....	10 52	
Printing and advertising.....	26 30	
Recording vacation of Will St.....	50	
Acknowledging sidewalk returns.....	25	
	<hr/>	37 57
STREET FUND, 1886.		
Over draft transferred.....		540 58
TEMPORARY TRANSFERS.		
To Library fund.....	900 00	
General fund.....	3,000 00	
	<hr/>	3,900 00
SIDEWALKS.		
Constructed and unpaid.....		380 02
		<hr/>
RECAPITULATION.		\$24,063 44
RECEIPTS.		
Town tax fund.....	\$ 2,243 85	
Temporary transfers.....	11,400 00	
Temporary loans.....	10,400 00	
Street expense Dist. No. 1.....	2 70	
Street expense Dist. No. 2.....	17 77	
	<hr/>	\$24,064 32
EXPENDITURES.		
Street expense Dist. No. 1.....	\$ 7,973 49	
Street expense Dist. No. 2.....	\$ 7,068 56	
Bridge expense.....	62 07	
" School Street.....	2,470 09	
" Railroad avenue.....	163 80	
Permanent crossings.....	87 03	
Engineer's street service.....	616 44	
Engineer's records.....	228 70	
Monuments.....	535 09	
General street expense.....	37 57	
Street fund, 1886.....	540 58	
Temporary transfers.....	3,900 00	
Sidewalks.....	380 02	
	<hr/>	\$24,063 44
Balance on hand, Dec. 31, 1887.....		88

LIBRARY FUND.

RECEIPTS.

Balance on hand, April 30, 1887.....		\$ 2,383 38
TAX COLLECTOR.		
Levy of 1886—balance.....		1,294 40
TEMPORARY TRANSFERS.		
From general fund.....	400 00	
Street fund.....	900 00	
	<hr/>	\$ 1,300 00
		<hr/>
		\$ 4,977 78

EXPENDITURES.

LIBRARY EXPENSE.

Rent.....	425 00	
Binding.....	224 29	
Books—A. C. McClurg & Co.....	535 44	
Francis P. Harper.....	77 17	
S. A. Church.....	146 77	
C. O. Perry.....	17 69	
David G. Francis.....	13 95	
Harper Bros.....	50 00	
Cassell & Co.....	25 16	
Sundry.....	75 57	
Periodicals.....	285 00	
Gas.....	107 78	
Stationery and postage.....	18 55	
Plumbing.....	9 10	
Printing.....	30 65	
Repairs and supplies.....	29 90	
Book cases and furniture.....	276 93	
Coal.....	113 40	
Insurance.....	80 00	
Salaries—W. L. Rowland.....	583 34	
L. J. Williamson.....	350 00	
C. A. Church.....	64 00	
G. J. Brantingham.....	12 00	
	<hr/>	3,551 69
TEMPORARY TRANSFERS.		
To general fund.....	400 00	
Street fund.....	900 00	
	<hr/>	1,300 00
		<hr/>
		\$ 4,851 69

RECAPITULATION.

RECEIPTS.

Balance.....	\$	3,383	38	
Tax collector.....		1,294	40	
Temporary transfers.....		1,300	00	
				<u>4,977 78</u>

EXPENDITURES.

Library expense.....	\$	3,551	69	
Temporary transfers.....		1,300	00	
				<u>4,851 69</u>
Balance on hand Dec. 31, 1887.....				126 09

STREET and BRIDGE TOWN TAX FUND.

RECEIPTS.

Balance April 30, 1887.....	\$	243	85	
TAX COLLECTOR.				
Levy of 1886—balance.....		4,772	73	
TEMPORARY TRANSFERS.				
Street fund, 1886.....	\$	2,000	00	
School building fund.....		1,300	00	
				<u>3,300 00</u>
				<u>\$ 8,316 58</u>

EXPENDITURES.

STREET FUND, 1886.				
Appropriated and transferred.....	\$	2,200	00	
STREET FUND, 1887.				
Appropriated and transferred.....		2,243	85	
TEMPORARY TRANSFERS.				
Street fund.....	\$	1,000	00	
School building fund.....		1,300	00	
School fund.....		1,000	00	
Sewer fund.....		300	00	
				<u>3,600 00</u>
				<u>\$ 8,043 85</u>
Balance on hand, Dec. 31, 1887.....	\$			272 73

SINKING FUND.

RECEIPTS.

Balance April 30, 1887.....	\$16,163 20
TAX COLLECTOR.	
Levy of 1886—balance.....	\$ 5,336 00
	<u>21,500 00</u>

EXPENDITURES.

CITY BONDS.

Bonds paid and canceled, viz:

No.	DATE.	MATURITY.	INT' ST.	AMOUNT.
25	Nov. 8, 1874	May 8, 1887	8 s. a.	\$ 500 00
26	Nov. 8, 1874	May 8, 1887	8 s. a.	500 00
75	Nov. 8, 1874	May 8, 1887	8 s. a.	1,000 00
76	Nov. 8, 1874	May 8, 1887	8 s. a.	1,000 00
364	May 18, 1878	May 4, 1887	7 s. a.	500 00
365	May 18, 1878	May 4, 1887	7 s. a.	500 00
366	May 18, 1878	May 4, 1887	7 s. a.	500 00
367	May 18, 1878	May 4, 1887	7 s. a.	500 00
368	May 18, 1878	May 4, 1887	7 s. a.	500 00
292	Sept. 1, 1877	Sept. 1, 1887	7 s. a.	500 00
293	Sept. 1, 1877	Sept. 1, 1887	7 s. a.	500 00
294	Sept. 1, 1877	Sept. 1, 1887	7 s. a.	500 00
295	Sept. 1, 1877	Sept. 1, 1887	7 s. a.	500 00
296	Sept. 1, 1877	Sept. 1, 1887	7 s. a.	500 00
297	Sept. 1, 1877	Sept. 1, 1887	7 s. a.	500 00
618	Sept. 1, 1884	Sept. 1, 1887	6 s. a.	1,000 00
619	Sept. 1, 1884	Sept. 1, 1887	6 s. a.	1,000 00
620	Sept. 1, 1884	Sept. 1, 1887	6 s. a.	1,000 00
621	Sept. 1, 1884	Sept. 1, 1887	6 s. a.	1,000 00
622	Sept. 1, 1884	Sept. 1, 1887	6 s. a.	500 00
623	Sept. 1, 1884	Sept. 1, 1887	6 s. a.	500 00
624	Sept. 1, 1884	Sept. 1, 1887	6 s. a.	500 00
625	Sept. 1, 1884	Sept. 1, 1887	6 s. a.	500 00

\$14,500 00

Balance on hand Dec. 31, 1887.....

\$ 7,000 00

INTEREST FUND.

RECEIPTS.

Balance on hand, April 30, 1887.....	\$ 4,541 84
TAX COLLECTOR.	
Levy of 1886—balance.....	4,495 33
UNAPPROPRIATED FUND, 1886.	
Appropriated and transferred.....	348 50
TEMPORARY TRANSFER.	
From water works fund.....	\$ 3,000 00
Unappropriated fund.....	1,000 00
	<hr/> 4,000 00
	<hr/> \$13,385 67

EXPENDITURES.

INTEREST ON BONDED DEBT.	
Coupons paid and cancelled.....	\$ 8,931 75
INTEREST ON TEMPORARY LOANS.	
Time orders.....	\$666 62
Negotiating sale of time orders..	15 00
	<hr/> 681 62
TEMPORARY TRANSFERS.	
To water works fund.....	3,000 00
	<hr/> 12,613 37
Balance on hand Dec. 31, 1887.....	\$ 772 30

SEWER FUND, 1886.

RECEIPTS.

Balance on hand April 30, 1887.....	\$ 60 61
TAX COLLECTOR.	
Levy of 1886—balance.....	387 06
	<hr/> 447 67

EXPENDITURES.

SEWER FUND, 1887.	
Balance transferred.....	447 67

SEWER FUND, 1887.

RECEIPTS.

SEWER FUND, 1886.		
Transferred	\$	447 67
TEMPORARY TRANSFERS.		
From school fund.....	\$	800 00
Unappropriated fund.....		300 00
Road and bridge fund.....		300 00
		<hr/> 1,400 00
TEMPORARY LOANS.		
Time order No. 1.....		300 00
		<hr/> \$ 2,147 67

EXPENDITURES.

ENGINEER'S SEWER SERVICE.		
Engineer's service.....		315 50
Engineer's assistants.....		129 85
Stationery and expense.....		36 28
		<hr/> 481 63
GROVE STREET SEWER.		
Payment advanced by H. W. Carpenter to contractors.....	1,000 00	
Interest on same.....	41 80	
	<hr/>	1,041 80
SEWER—KENT STREET.		
Engineer's service.....	18 65	
Two-fifths of cost.....	266 11	
104 feet rock cutting.....	15 60	
Two "Ys" and connecting.....	4 00	
	<hr/>	304 36
SEWER MARKET STREET.		
For assessment refunded.....		97 49
SEWER EXPENSE.		
Extending Mulberry street sewer 24 feet in river.....	82 60	
Printing.....	3 50	
Cleaning basins.....	90 65	
	<hr/>	176 75
		<hr/> \$ 2,102 03

RECAPITULATION.

RECEIPTS.

Sewer fund, 1886.....	\$	447	67
Temporary transfers.....		1,400	00
Temporary loans.....		300	00
		<u> </u>	\$ 2,147 67

EXPENDITURES.

Engineer's sewer service.....	481	63
Grove street sewer.....	1,041	80
Sewer—Kent street.....	304	36
Sewer—Market street.....	97	49
Sewer expense.....	176	75
	<u> </u>	2,102 03
Balance on hand Dec. 31, 1887.....	\$	45 64

UNAPPROPRIATED FUND, 1886.

RECEIPTS.

Balance on hand, April, 30, 1887.....	\$	192	35
TEMPORARY TRANSFERS.			
Transfers replaced, to-wit:			
School building fund.....	\$	400	00
Street fund.....		2,600	00
General fund.....		3,400	00
School fund.....		200	00
		<u> </u>	6,600 00
	\$		6,792 35

EXPENDITURES.

SCHOOL FUND, 1887.		
Amt. appropriated and transferred.	369	88
INTEREST FUND, 1887.		
Amt. appropriated and transferred.....	348	50
GENERAL FUND, 1887.		
Amt. appropriated and transferred.....	4,223	96
WATER WORKS FUND, 1887.		
Amt. appropriated and transferred.....	1,850	01
	<u> </u>	6,792 35

UNAPPROPRIATED FUND, 1887.

RECEIPTS.

NON-RESIDENT TUITION.	
Tuition—School year 1886—balance.....	\$ 226 63
TAX COLLECTOR.	
Tax in excess of levy of 1886.....	1,722 53
STATE SCHOOL FUND.	
In excess of Amt. appropriated.....	143 85
SURPLUS.	
Expense Chicago school exhibit returned.	12 55
Sold stoves from school buildings.....	30 00
Apparatus from high school.....	13 25
Old iron.....	2 50
Damage to school buildings.....	75
	<hr/>
	59 05
LICENSE—GENERAL.	
Amt. in excess of appropriation.....	529 51
PERSONAL PROPERTY—COUNCIL ROOMS.	
Old table sold.....	2 00
LICENSE LIQUOR.	
Amt. in excess of appropriation.....	7,133 44
INTEREST ON BONDED DEBT.	
Premium on bonds sold.....	5 00
	<hr/>
	\$ 9,822 01

EXPENDITURES.

TEMPORARY TRANSFER.	
To General.....	300 00
Sewer.....	300 00
Street.....	4,000 00
School.....	3,200 00
Interest.....	1,000 00
	<hr/>
	8,800 00
Balance on hand Dec. 31, 1887.....	<hr/>
	\$ 1,022 01

Special Assessment---Avon Street.

RECEIPTS.

TAX COLLECTOR.	
Balance of assessment.....	634 39

EXPENDITURES.

SPECIAL ASSESSMENT.	
Paid P. Murphy—balance.....	350 69
GENERAL FUND.	
Costs advanced.....	211 64
	562 33
Balance on hand, Dec. 31, 1887.....	72 06

Special Assessment Fund---Grove Street Sewer.

RECEIPTS.

Balance April 30, 1887.....	\$ - 1 01
TAX COLLECTOR.	
Balance of assessment.....	1,831 34
	\$ 1,832 35

EXPENDITURES.

GROVE STREET SEWER.	
Engineer's service.....	28 50
Lumber.....	11 70
Everson & Lidell—bal. contract.....	1,605 10
“ “ Extras.....	6 54
	1,651 84
GROVE STREET SEWER ASSESSMENT.	
Rebate—T. G. Lawler.....	33 00
	33 00
	\$ 1,684 84

RECAPITULATION.

RECEIPTS.	
Balance.....	\$ 1 01
Tax collector.....	1,831 34
	1,832 35
EXPENDITURES.	
Grove street sewer.....	1,651 84
Grove street sewer assessment.....	33 00
	1,684 84
Balance Dec. 31, 1887.....	\$ 147 51

STATEMENT OF INCOME.

ACCOUNTING FOR INCOME.

FUND.	APPROPRI- ATION.	FROM OTHER SOURCES.	TOTAL.	APPROXIMATE				ESTIMATED EXPENSE & CONTRACTS	SURPLUS.	TOTAL.
				NOT AVAIL'BL.	EXPENDED.	EXPENSE & CONTRACTS	SURPLUS.			
Street.....	\$ 22,719 58	\$ 380 02	\$ 23,099 60	\$2 800 00	\$ 20,142 97	.....	\$ 156 63	\$ 23,099 60		
Library.....	4,500 00	2,383 38	6,883 38	.....	2,257 29	\$ 4,626 09	.....	6,883 38		
School.....	53,476 00	.....	53,476 00	.....	25,113 08	28,362 92	.....	53,476 00		
Sewer.....	4,556 82	.....	4,556 82	.....	1,060 23	1,406 82	.....	4,556 82		
Sinking.....	15,500 00	7 000 00	22,500 00	.....	.....	22,500 00	.....	22,500 00		
General.....	52,337 31	339 06	52,676 37	354 55	37,197 56	.....	.....	52,676 37		
Water Works.....	36,338 96	4,112 88	40,451 84	6,148 12	29,731 65	.....	.....	40,451 84		
Interest.....	14,464 22	9,037 17	23,501 39	.....	9,613 37	13,888 02	.....	23,501 39		
School Building.....	12,794 23	.....	12,794 23	.....	8,050 84	3,882 41	.....	12,794 23		
Avon Street Special Assessment.....	.....	634 39	634 39	.....	562 33	.....	853 98	634 39		
Grove Street Special Assessment.....	.....	3 239 17	3,239 17	.....	1,684 84	1,041 80	72 06	3,239 17		
Unappropriated.....	.....	9,822 01	9,822 01	.....	.....	.....	512 53	9,822 01		
Road and Bridge Town.....	.....	2,572 73	2,572 73	.....	.....	.....	9,822 01	2,572 73		
							2,572 73			
	\$216,687 12	\$39,520 81	\$256,207 93	\$9,302 67	\$135,414 16	\$75,715 06	\$35,776 04	\$256,207 93		

STATEMENT

CLOSING CITY FUNDS OF 1887.

RESOURCES.

FUND.	Balance Dec. 31, 1887.	Tax Levy 1887.	Side- walks	Tempo- rary Transfers	State.	Tuition	Grove-St. Sewer Assesm't	Sewer Fund.	Total.
Street.....	\$ 88	\$ 17,675 73	\$ 380 02						\$ 18,056 63
Water Works.....	550 34	4,021 73		\$ 4,000 00					8,572 07
Library.....	126 09	4,500 00							4,626 09
School.....	27 31	48,006 12			\$4,500 00	\$ 329 49			52,862 92
Sewer.....	45 64	4,109 15					\$ 1,041 80		5,196 59
Unappropriated.....	1,022 10			8,800 00					9,822 01
School Building.....	243 39			4,500 00					4,743 39
Sinking.....	7,000 00	15,500 00							22,500 00
General.....	477 42	25,446 84		800 00					26,724 26
Interest.....	772 30	14,115 72							14,888 02
Road and Bridge Town.....	272 73			2,300 00					2,572 73
Avon-St Special Assm't.....	72 06								72 06
Grove-St Special Assm't.....	147 51							\$ 1,406 82	1,554 33
	\$10,757 68	\$133,375 29	\$ 380 02	\$20,400 00	\$4,500 00	\$ 329 49	\$ 1,041 80	\$ 1,406 82	\$172,191 10

LIABILITIES.

FUND.	Tempo- rary Transfers	Time Orders.	Spec'l Year Estimated Expense.	Grove-St Sewer Assm't.	Contracts	City Bonds.	Sewer Fund.	Total.	Surplus.
Street.....	\$ 7,500 00	\$10,400 00						\$ 17,900 00	\$ 156 63
Water Works.....		4,000 00						4,000 00	4,572 07
Library.....			\$ 4,626 09					4,626 09	
School.....	6,700 00	17,800 00	28,362 92					52,862 92	
Sewer.....	1,406 00	300 00		\$1,406 82				3,106 82	2,089 77
Unappropriated.....									9,822 01
School Building.....					\$ 3,889 41			3,889 41	853 98
Sinking.....						\$22,500 00		22,500 00	
General.....	3,800 00	7,800 00						11,600 00	15,124 26
Interest.....	1,000 00		13,888 02					14,888 02	
Road & Bridge Town.....									2,572 73
Avon-St. Spec'l As't.....									72 06
Grove-St Spec'l As't.....							\$1,041 80	1,041 80	512 53
	\$20,400 00	\$40,300 00	\$ 46,877 03	\$1,406 82	\$ 3,889 41	\$22,500 00	\$1,041 80	\$136,415 06	\$35,776 04

CITY BONDS SOLD

During the Fiscal Year 1887, Authorized by Ordinance Passed
October 17, 1887.

No.	DATE.	MATURITY.	FOR WHAT PURPOSE	RATE OF INT'ST	AMOUNT.	TOTAL.
693	Nov. 1, '87	Nov. 1, 1901	Water Supply	5 per ct., s. an.	\$ 500 00	
694	Nov. 1, '87	Nov. 1, 1901	Water Supply	5 per ct., s. an.	500 00	
695	Nov. 1, '87	Nov. 1, 1901	Water Supply	5 per ct., s. an.	500 00	
696	Nov. 1, '87	Nov. 1, 1901	Water Supply	5 per ct., s. an.	500 00	
697	Nov. 1, '87	Nov. 1, 1901	Water Supply	5 per ct., s. an.	500 00	
698	Nov. 1, '87	Nov. 1, 1901	Water Supply	5 per ct., s. an.	500 00	\$ 3,000 00
699	Nov. 1, '87	Nov. 1, 1902	School Building	5 per ct., s. an.	500 00	
700	Nov. 1, '87	Nov. 1, 1902	School Building	5 per ct., s. an.	500 00	
701	Nov. 1, '87	Nov. 1, 1902	School Building	5 per ct., s. an.	500 00	
702	Nov. 1, '87	Nov. 1, 1902	School Building	5 per ct., s. an.	500 00	\$ 2,000 00
703	Nov. 1, '87	Nov. 1, 1902	Water Supply	5 per ct., s. an.	1,000 00	
704	Nov. 1, '87	Nov. 1, 1902	Water Supply	5 per ct., s. an.	1,000 00	
705	Nov. 1, '87	Nov. 1, 1902	Water Supply	5 per ct., s. an.	1,000 00	
706	Nov. 1, '87	Nov. 1, 1902	Water Supply	5 per ct., s. an.	1,000 00	
707	Nov. 1, '87	Nov. 1, 1902	Water Supply	5 per ct., s. an.	1,000 00	
708	Nov. 1, '87	Nov. 1, 1902	Water Supply	5 per ct., s. an.	1,000 00	
709	Nov. 1, '87	Nov. 1, 1902	Water Supply	5 per ct., s. an.	1,000 00	
710	Nov. 1, '87	Nov. 1, 1902	Water Supply	5 per ct., s. an.	1,000 00	
711	Nov. 1, '87	Nov. 1, 1902	Water Supply	5 per ct., s. an.	1,000 00	
712	Nov. 1, '87	Nov. 1, 1902	Water Supply	5 per ct., s. an.	1,000 00	10,000 00
713	Nov. 1, '87	Nov. 1, 1901	School Building	5 per ct., s. an.	1,000 00	
714	Nov. 1, '87	Nov. 1, 1901	School Building	5 per ct., s. an.	1,000 00	
715	Nov. 1, '87	Nov. 1, 1901	School Building	5 per ct., s. an.	1,000 00	
716	Nov. 1, '87	Nov. 1, 1901	School Building	5 per ct., s. an.	1,000 00	
717	Nov. 1, '87	Nov. 1, 1901	School Building	5 per ct., s. an.	1,000 00	
718	Nov. 1, '87	Nov. 1, 1901	School Building	5 per ct., s. an.	1,000 00	
719	Nov. 1, '87	Nov. 1, 1901	School Building	5 per ct., s. an.	1,000 00	
720	Nov. 1, '87	Nov. 1, 1901	School Building	5 per ct., s. an.	1,000 00	
721	Nov. 1, '87	Nov. 1, 1901	School Building	5 per ct., s. an.	1,000 00	
722	Nov. 1, '87	Nov. 1, 1901	School Building	5 per ct., s. an.	1,000 00	10,000 00
Total.					\$ 25,000 00	\$ 25,000 00

STATEMENT.

Bonds Provided for, Not Yet Due.

No.	DATE.	MATURITY.	6	7	8	TOTAL.
			PER CT.	PER CT.	PER CT.	
27....	Nov. 7, 1874	May 7, 1888	.....	.....	500 00	.....
28....	Nov. 7, 1874	May 7, 1888	.....	.....	500 00	.....
77....	Nov. 7, 1874	May 7, 1888	.....	.....	1,000 00	.....
78....	Nov. 7, 1874	May 7, 1888	.....	.....	1,000 00	3,000 00
308....	March 1, 1878	March 1, 1888	.....	500 00	.....	.....
309....	March 1, 1878	March 1, 1888	.....	500 00	.....	1,000 00
369....	May 18, 1878	May 4, 1888	.....	500 00	.....	.....
370....	May 18, 1878	May 4, 1888	.....	500 00	.....	.....
371....	May 18, 1878	May 4, 1888	.....	500 00	.....	.....
372....	May 18, 1878	May 4, 1888	.....	500 00	.....	.....
373....	May 17, 1878	May 4, 1888	.....	500 00	.....	2,500 00
442....	Oct. 1, 1887	April 1, 1888	.....	500 00	.....	.....
443....	Oct. 1, 1887	April 1, 1888	.....	500 00	.....	1,000 00
482....	July 1, 1879	July 1, 1888	500 00	.....	.....	.....
483....	July 1, 1879	July 1, 1888	500 00	.....	.....	.....
484....	July 1, 1879	July 1, 1888	500 00	.....	.....	.....
485....	July 1, 1879	July 1, 1888	500 00	.....	.....	.....
486....	July 1, 1879	July 1, 1888	500 00	.....	.....	.....
487....	July 1, 1879	July 1, 1888	500 00	.....	.....	.....
488....	July 1, 1879	July 1, 1888	500 00	.....	.....	.....
489....	July 1, 1879	July 1, 1888	500 00	.....	.....	.....
490....	July 1, 1879	July 1, 1888	500 00	.....	.....	.....
491....	July 1, 1879	July 1, 1888	500 00	.....	.....	5,000 00
626....	Sept. 1, 1884	July 1, 1888	1,000 00	.....	.....	.....
627....	Sept. 1, 1884	July 1, 1888	1,000 00	.....	.....	.....
628....	Sept. 1, 1884	July 1, 1888	1,000 00	.....	.....	3,000 00
			8,000 00	4,500 00	3,000 00	\$15,500 00

BONDED DEBT.

Rockford City Bonds Outstanding Unprovided for.

DATE OF MATURITY.	4 PER CENT.	5 PER CENT.	5½ PER CENT.	6 PER CENT.	7 PER CENT.	8 PER CENT.	TOTAL DOLLARS.
March 1, '89.....					1,000		
April 2, '89.....					1,000		
May 4, '89.....					2,500		
May 7, '89.....						3,000	
June 1, '89.....				9,000			16,500 00
March 1, '90.....					1,000		
April 1, '90.....				3,000			
April 1, '90.....					1,000		
May 4, '90.....					2,500		
May 7, '90.....						3,000	
July 1, '90.....				5,000			15,500 00
March 1, '91.....					1,000		
April 1, '91.....					1,000		
May 4, '91.....					2,500		
May 7, '91.....						3,000	
June 1, '91.....				9,000			16,500 00
March 1, '92.....					1,000		
April 1, '92.....					1,000		
May 4, '92.....					2,500		
May 7, '92.....						3,000	
July 1, '92.....				2,500			
July 20, '92.....		7,000					17,000 00
April 1, '93.....					1,000		
May 4, '93.....					2,500		
May 7, '93.....						3,000	
July 1, '93.....				2,500			
July 20, '93.....		8,000					17,000 00
April 1, '94.....					1,000		
May 4, '94.....					2,500	3,000	
May 7, '94.....							
July 20, '94.....		8,300					
Sept. 15, '94.....		10,000					24,800 00
May 4, '95.....					2,500		
June 1, '95.....						4,000	
Sept. 15, '95.....		10,000					16,500 00
April 26, '96.....			9,000				
May 4, '96.....					2,500		11,500 00
May 4, '97.....					2,500		
August 1, '97.....		9,500					12,000 00
May 4, '98.....					2,500		
Sept. 16, '98.....	9,400						11,900 00
August 1, '99.....		10,000					10,000 00
July 1, 1909.....		14,000					14,000 00
Nov. 1, 1901.....		13,000					13,000 00
Nov. 1, 1902.....		12,000					12,000 00
	\$9,400	\$101,800	\$9,000	\$31,000	\$35,000	\$22,000	\$208,200 00

STATEMENT

Bonds Provided for, Not Presented.

NUMBER.	DATE.	MATURITY.	7 PER CENT.	8 PER CENT.	TOTAL.
91.....	April 1, 1876	April 1, 1886	.....	\$500 00	.....
92.....	April 1, 1876	April 1, 1886	.....	500 00	.....
93.....	April 1, 1876	April 1, 1886	.....	500 00	.....
94.....	April 1, 1876	April 1, 1886	.....	500 00	.....
95.....	April 1, 1876	April 1, 1886	.....	500 00	.....
96.....	April 1, 1876	April 1, 1886	.....	500 00	\$3,000 00
284.....	Sept. 1, 1876	Sept. 1, 1886	\$500 00	.....	.....
285.....	Sept. 1, 1876	Sept. 1, 1886	500 00	.....	.....
286.....	Sept. 1, 1876	Sept. 1, 1886	500 00	.....	.....
287.....	Sept. 1, 1876	Sept. 1, 1886	500 00	.....	.....
288.....	Sept. 1, 1876	Sept. 1, 1886	500 00	.....	.....
289.....	Sept. 1, 1876	Sept. 1, 1886	500 00	.....	.....
290.....	Sept. 1, 1876	Sept. 1, 1886	500 00	.....	.....
291.....	Sept. 1, 1876	Sept. 1, 1886	500 00	.....	4,000 00
			\$4,000 00	\$3,000 00	\$7,000 00

TIME ORDERS OUTSTANDING

PROVIDED FOR.

No.	DATE.	MATURITY.	FOR WHAT PURPOSE.	RATE OF INTERST	AMOUNT.	TOTAL.
1....	Sept. 6, '87	April 6, '88	School Fund.....	6 per ct.	\$ 4,500 00	
2....	Oct. 4, '87	May 4, '88	School Fund.....	6 per ct.	9,000 00	
3....	Dec. 20, '87	March 1, '88	School Fund.....	7 per ct.	1,000 00	
4....	Dec. 20, '87	March 1, '88	School Fund.....	7 per ct.	1,000 00	
5....	Dec. 20, '87	March 1, '88	School Fund.....	7 per ct.	1,000 00	
6....	Dec. 20, '87	March 1, '88	School Fund.....	7 per ct.	1,000 00	
7....	Dec. 20, '87	March 1, '88	School Fund.....	7 per ct.	300 00	\$17,800 00
1....	Sept. 6, '87	April 6, '88	Street Fund.....	6 per ct.	2,500 00	
2....	Oct. 6, '87	May 4, '88	Street Fund.....	6 per ct.	3,000 00	
3....	Oct. 6, '87	March 1, '88	Street Fund.....	7 per ct.	300 00	
4....	Dec. 28, '87	March 15, '88	Street Fund.....	7 per ct.	600 00	
5....	Dec. 28, '87	March 15, '88	Street Fund.....	7 per ct.	50 00	
6....	Dec. 28, '87	March 15, '88	Street Fund.....	7 per ct.	500 00	
7....	Dec. 28, '87	March 15, '88	Street Fund.....	7 per ct.	1,000 00	
8....	Dec. 28, '87	March 15, '88	Street Fund.....	7 per ct.	1,000 00	
9....	Dec. 28, '87	March 15, '88	Street Fund.....	7 per ct.	1,000 00	10,400 00
1....	Sept. 6, '87	April 6, '88	Water W'ks Fund	6 per ct.	4,000 00	4,000 00
1....	Sept. 6, '87	April 6, '88	General Fund....	6 per ct.	4,000 00	
2....	Oct. 4, '87	May 4, '88	General Fund....	6 per ct.	3,000 00	
3....	Oct. 4, '87	March 1, '88	General Fund....	7 per ct.	800 00	7,800 00
1....	Oct. 4, '87	March 1, '88	Sewer Fund.....	7 per ct.	300 00	300 00
Total					\$40,300 00	\$40,300 00

TIME ORDERS NEGOTIATED AND REDEEMED.

No.	DATE.	MATURITY.	FOR WHAT PURPOSE.	RATE OF INTERST	AMOUNT.	TOTAL.
1...	Oct. 1, '87	Nov. 8, '87	School Build'g F'd	7 per ct.	\$ 1,500 00	
2....	Oct. 1, '87	Nov. 8, '87	School Build'g F'd	7 per ct.	1,100 00	\$ 2,600 00
Total					\$ 2,600 00	\$ 2,600 00

STATEMENT.

Purposes for which Outstanding Bonds were Originally Issued.

Water works property.....	\$ 91,500 00
Bridges—construction.....	11,500 00
Railroads.....	7,000 00
Schools—lots and buildings.....	76,400 00
Sewers—construction.....	7,000 00
Fire alarm construction.....	1,400 00
Real estate—hay market.....	2,500 00
Real estate—Wyman street.....	1,900 00
Real estate—hospital.....	2,000 00
Fire and police station—Church street.....	7,000 00
	<hr/>
	\$208,200 00

UNFINISHED CONTRACTS.

GEORGE WILSON—CONTRACTOR.

School building cor. Court and John-Sts.

Amount of contract.....	\$ 8,500 00
Payment on contract.....	5,260 59

Balance.....\$ 3,239 41

\$ 3,239 41

FULLER & WARREN CO.—CONTRACTORS.

Sanitary Thermal closets for school building,
Court and John streets.

Amount of contract.....\$ 650 00

KETCHUM & CO.—CONTRACTORS.

Concrete sidewalks—State & Water-Sts....\$ 50 40
Elm & Church-Sts....27 20

\$ 77 60

Payment on contract.....52 60

Balance.....25 00

B. A. WEBER—CONTRACTOR.

Thirty-eight signs—street name.

Amount due.....28 50

\$ 3,942 91

BALANCE SHEET DEC. 31. 1887.

	DR.	CR.
Street fund.....\$	88	
Library fund.....	126 09	
School building fund.....	243 39	
Interest fund.....	772 30	
Sinking fund.....	7,000 00	
Unappropriated fund.....	1,022 01	
Special assessment fund—Avon street.....	72 06	
“ “ “ Grove-st. sewer..	147 51	
Road and bridge town tax fund.....	272 73	
Water works fund.....	550 34	
Sewer fund.....	45 64	
School fund.....	27 31	
General fund.....	477 42	
Water works property.....	354,925 38	
Water works tools and fixtures.....	3,853 75	
Stock and construction.....	2,269 23	
Services.....	522 61	
Police department—real estate.....	2,532 81	
“ “ personal.....	769 00	
“ alarm lines.....	221 94	
“ department property.....	17,223 75	
Fire alarm.....	5,556 83	
Const'n fire and police build'g, Church-St..	4,893 18	
Real property fire and police.....	3,023 91	
Construction and property fire and police building, South Main street.....	4,252 78	
Hospital property.....	1,969 00	
Health department—personal.....	27 25	
Library property.....	10,000 00	
Personal property—Council rooms.....	947 47	
“ “ School buildings.....	5,892 74	
School property—Adams.....	28,000 00	
“ “ Lincoln.....	28,000 00	
“ “ Kishwaukee.....	6,000 00	
“ “ Hall.....	11,081 03	
“ “ Blake.....	6,000 00	
“ “ Ellis.....	6,225 83	
Forward.....	\$514,948 17	

Brought forward.....	\$514,948	17		
School property—Haskell.....	9,000	00		
“ “ Kent.....	22,000	00		
“ “ Marsh.....	7,000	00		
“ “ Nelson.....	9,448	64		
“ “ Montague.....	11,222	72		
“ “ High.....	38,821	07		
Library—High school.....	734	29		
Construction S. B. Court and John streets.....	6,050	84		
School property Court and John streets....	2,000	00		
Street expense Dist. No. 1.....	159	50		
Street expense Dist. No. 2.....	177	50		
Special assessments—sidewalks.....	380	02		
Permanent crossings.....	87	03		
Sewers.....	8,703	28		
Assessment—Grove street sewer.....			\$	512 53
Bridges.....	14,734	79		
Real estate.....	5,043	31		
Tax collector.....	138,739	07		
City bonds.....				230,700 00
Surplus.....				152,819 98
General revenue.....				364,915 72
Temporary loans.....				40,300 00
	<hr/>			
	\$789,248	23	\$789,248	23

City Treasurer's Report.

To the Honorable Mayor and Aldermen of the City of Rockford, Ill., in the City Council assembled :

GENTLEMEN—I herewith submit my report as city treasurer for the fiscal year 1887:

RECEIPTS.

May 1, 1887—Received from W. H. McCutchan, balance on hand.....	\$	30,470	41	
J. B. Howell, township treasurer.....		143	85	
Roger Brown, county treasurer.....		34,396	55	
J. H. Johnson, city collector.....		12,599	04	
City orders and bonds sold.....		67,900	00	
E. K. Conkling, clerk.....		42,531	38	
L. L. Morrison, police magistrate.....		721	35	
Premium on bonds sold.....		5	00	
W. R. Weld, fines.....		12	40	
Total receipts.....	\$	158,309	57	
				\$188,779 98

DISBURSEMENTS—(Orders paid.)

Interest fund.....	\$	9,613	37	
Sinking fund.....		14,500	00	
School fund.....		40,548	95	
Street fund.....		20,519	71	
General fund.....		36,980	20	
Library fund.....		3,432	04	
Water works fund.....		34,679	15	
Sewer fund.....		2,109	03	
School building fund.....		10,937	55	
Avon street improvement fund.....		135	54	
Grove street sewer assessment fund.....		1,684	84	
Total paid.....	\$	175,140	38	
Balance cash on hand.....		13,639	60	
				\$188,779 98

December 31, 1887.

Respectfully submitted,

HORACE BROWN, City Treasurer.

City Attorney's Report.

For the Year 1887.

To the City Council of the City of Rockford :

GENTLEMEN—In regard to matters pertaining to my department, I would respectfully report that since the time of the city attorney's last annual report, a great number of cases of persons charged with the violation of various ordinances of the city have been tried in the police and justices' courts, the facts in each case being too voluminous for this report, and also unnecessary, as each case is set out in detail in the monthly reports of the police magistrates.

In the circuit court of this county cases have been disposed of follows, viz:

1. The case of Van Valkenberg vs. A. W. Webb, et al., a suit against police officers of the city for alleged damages in making certain arrests, has been dismissed at the plaintiff's costs.

2. The case of the City of Rockford vs. Jane Olmstead, an appeal from a judgment of the police magistrate imposing a fine for disorderly conduct, has been dismissed upon the defendant paying a fine of \$12.50 and the costs in the case.

3. The case of the City of Rockford vs. Emma Bronson, a case similar to the one last above mentioned, has been disposed of in a similar manner.

4. The case of the City of Rockford vs. L. B. Picard, an appeal from a judgment of the police magistrate, imposing a fine for canvassing without a license, has been dismissed at the cost of the city.

5. In the case of the City of Rockford vs. D. Brill, an appeal from a judgment of the police magistrate imposing a fine on defendant for disorderly conduct, the fine and costs have been paid.

6. The case of the City of Rockford vs. G. L. Fischer, an appeal by the city from the police magistrate's court, was tried at the October term of the circuit court, and a judgment rendered against the city for costs and dismissing the appeal.

7. The case of Mrs A. E. Thayer vs. The City of Rockford, an action brought to recover for damages alleged to have been caused by water from a watering trough owned and controlled by the city, was tried at the October term of the circuit court, and a judgment rendered against the city for \$45.00 and the costs of the suit.

As to matters not yet disposed of, there is now pending, in the Appellate court of the Second district of the State of Illinois, the

appeal case of the City of Rockford vs. Mary Falvey. This a case in which Mary Falvey sued the city to recover for damages occasioned by a fall alleged to have been caused by an accumulation of snow and ice upon a sidewalk in said city. This case was tried for a second time at the April term of the circuit court of this county, and judgment for \$800.00 rendered against the city. From this judgment the city appealed to the Appellate court, and the case is now before said court awaiting its decision.

There are now pending in the circuit court of this county the following cases, namely:

1. The case of the City of Rockford vs. The Graham Cotton Mills, which is an action of ejectment brought by the city to ascertain its right to certain land claimed by the city to be a part of a public street.

2. The case of C. Hart vs. City of Rockford, which is a suit brought for damages, alleged to have been sustained by the plaintiff, resulting from a fall from his wagon, alleged to have been caused by a defect in one of the streets in said city. This case was tried before a jury at the October term of the circuit court, but the jury failed to agree, consequently the case is pending for a second trial.

3. The case of M. Hollenbeck vs. City of Rockford, which is a suit brought against the city for damages alleged to have been sustained by the plaintiff by reason of a fall alleged to have been caused by an alleged defect in one of the sidewalks in said city.

4. The case of the City of Rockford vs. O. Anderson, an appeal by the defendant from a judgment of the police magistrate imposing a fine upon defendant for an alleged violation of the ordinance concerning intoxicating liquors.

5. The case of the City of Rockford vs. G. L. Fischer, an appeal by the defendant from a judgment of the police magistrate imposing a fine upon the defendant for an alleged violation of the ordinance concerning intoxicating liquors.

6. The case of the City of Rockford vs. C. G. Burnap, an appeal by the defendant from a judgment of the police magistrate imposing a fine upon defendant for the offense of maintaining a nuisance.

7. The case of the City of Rockford vs. C. F. McSweeney, an appeal by the city from the police magistrate, the offense charged being a violation of the ordinance concerning intoxicating liquors.

In the county court of this county special assessment proceedings have been begun, and are now pending, for the extension and establishment of George street between Whitman and Bruce streets in said city.

All of which is respectfully submitted.

A. E. HOLT, City Attorney.

Dated this 2d day of January, A. D. 1888.

Report Committee on Fire and Water.

To the City Council of the City of Rockford:

GENTLEMEN—Your committee on fire and water would respectfully present herewith the reports of J. T. Lakin, superintendent of water works and fire marshal, for eight (8) months ending Dec. 31, 1887. We find these reports full and complete and present them to this council with our full approval and take therefrom the following items:

RECEIPTS AND EXPENDITURES.

Total appropriation.....		\$36,338 96
Less to pay overdraft of 1886.....	\$ 715 96	
Less to pay citizens' fund of 1886	3,700 00	
		<u>4,415 96</u>
Net appropriation		\$31,923 00
Receipts from services.....		4,221 27
“ “ stock		<u>604 45</u>
Total receipts.....		\$36,748 72
Expended for tools and fixtures.....	\$ 141 87	
“ “ service.....	4,338 51	
“ “ stock.....	11,868 15	
“ “ suction.....	2,076 96	
“ “ maintenance	6,997 51	
Unexpended balance.....	<u>11,325 72</u>	
		\$36,748 72
Total services placed since May 1, 1887.....		260
“ “ “ “ January 1, 1887, to date.....		300
“ “ “ “ Jan. 1, 1886, to Jan. 1, 1887...		214
Total gallons pumped, 1887.....		619,001,770
“ “ “ “ 1886.....		<u>481,297,340</u>
“ “ excess, 1887.....		137,704,430

INCOME FOR SIX MONTHS.

Cash received, July and October payments.....	\$ 10,877 65
Total maintenance same time.....	<u>5,369 58</u>
Net cash surplus six months.....	\$ 5,508 07

TOTAL BOOK RATES.

West Side, 977 consumers.....	\$	12,355	90
East Side, 807 consumers.....		7,705	13
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Total, 1,784 consumers.....	\$	20,061	03
Total May 1, 1887, 1,592 consumers.....			
Increase, eight months, 282 consumers.....		3,328	69

CONSTRUCTIVE INCOME.

Fixed rates.....	\$	20,061	13
All other.....		550	00
247 hydrants, at \$50.00.....		12,350	00
Public building, parks and fountains.....		768	50
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Total.....	\$	33,729	63
Less maintenance.....		10,700	00
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Net annual value.....	\$	23,029	63
We have 33 69-100 miles of mains, and 247 hydrants.			

PROPERTY ACCOUNT.

Construction account, May 1, 1887.....	\$	342,689	02
“ “ of 1887, mains.....		9,893	61
“ “ of 1887, public services.....		154	34
“ “ of 1887, suction.....		2,188	41
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Total cost of work to date.....	\$	354,925	38

FIRE DEPARTMENT.

During the past eight months the fire department responded to 59 alarms and worked on 36 actual fires, and traveled 353 miles.

Total loss.....	\$	9,894	98
Insurance paid.....		9,184	98
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Net loss.....	\$	710	00
Total amount insurance carried on property actually on fire.....		119,845	00
Expended for property account.....		4,698	74
Expended for maintenance.....		8,954	31
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Total.....	\$	13,653	05
Unexpended balance.....		2,961	08
Respectfully submitted.			

THOMAS W. COLE,
ALVIN E. CROWELL,
E. W. BROWN,
W. D. CLARK,
E. W. BLAISDELL,

Committee on Fire and Water.

January 2, 1888.

Report of Fire Marshal.

For the Year 1887.

To the City Council of the City of Rockford :

The accompanying reports of Assistant Fire Marshal Hefferan show, for eight months ending at date:

Alarms received.....	59
Lines hose laid.....	49
Streams water used.....	35
Chemical charges.....	23
Miles traveled.....	<u>353</u>

LOSS BY FIRE.

Gross loss by fire.....	\$ 9,894 98
Insurance paid.....	9,184 98
Net loss.....	710 00
Loss on which no insurance was carried.....	335 00
Net loss on insured property.....	375 00
Total amount of insurance carried on property actually on fire.....	119,845 00

Respectfully submitted.

JOHN T. LAKIN,

Fire Marshal.

December 29, 1887.

BALANCE SHEET.

	APPROPRI- ATION.	EXPENDI- TURES.	CR. BALANCE.	DR. BALANCE.
Salaries.....	\$ 8,900 00	5,934 49	\$ 2,965 51	.....
Fire alarm maintenance.....	450 00	419 87	30 13	.....
Fire alarm construction.....	1,103 98	1,103 98	.....	.....
Unfinished contracts.....	2,388 26	2,459 16	.....	70 90
Feed account.....	584 89	606 42	.....	21 53
Blacksmithing.....	135 00	104 25	30 75	.....
Horse bedding fire and police..	85 00	55 50	29 50	.....
Fuel account.....	340 00	324 45	15 55	.....
Lights.....	250 00	184 15	65 85	.....
Telephone.....	120 00	90 00	30 00	.....
Laundry.....	100 00	46 65	53 35	.....
Repairs to apparatus.....	200 00	265 52	.....	65 52
Property account, apparatus, etc	1 200 00	1,135 60	64 40	.....
Rent account.....	66 00	44 00	22 00	.....
Repairs to station.....	191 00	489 30	.....	298 36
Expense and supplies.....	500 00	389 65	110 35	.....
	\$ 16,614 13	\$ 13,653 05	\$ 3,417 39	\$ 456 31
Unexpended balance.....	.....	2,961 08	.....	.....
Overdrawn items.....	.....	.....	456 31	.....
	16,614 13	\$ 16,614 13	\$ 2,961 08	\$ 456 31

CHARGE POLICE DEPARTMENT.

Feed account.....	\$ 60 04
Fuel account.....	50 00
Horse feeding.....	7 00
Lights.....	59 00
Fire alarm.....	45 00
City jail.....	10 00
	<u>\$231 04</u>

Copy of the record of Expenditures of this department.

ED. HEFFERAN,
First Assistant Fire Marshal.

December 27, 1887.

DATE.

April 30
May 2
May 2
May 9
May 9
May 13
May 23
May 31
June 8
June 15
June 16
June 17
June 17
June 17
June 18
June 18
June 19
June 20
July 4
July 9
July 14
July 16
July 16
July 16
July 19
July 19
July 25
Aug. 1
Aug. 9
Aug. 10
Aug. 11
Aug. 18
Aug. 19
Sept. 6
Sept. 14
Sept. 15
Sept. 15
Sept. 17
Sept. 19
Sept. 19
Sept. 22
Sept. 26
Sept. 30
Oct. 3
Oct. 4
Oct. 5
Oct. 6
Oct. 13
Oct. 15
Oct. 29
Oct. 31
Oct. 31
Nov. 1
Nov. 5
Nov. 30
Dec. 5
Dec. 7
Dec. 14
Dec. 15
Dec. 21

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BALANCE SHEET.

	APPROPRI- ATION.	EXPENDI- TURES.	CR. BALANCE.	DR. BALANCE.
Salaries.....	\$ 8,900 00	5,934 49	\$ 2,965 51
Fire alarm maintenance.....	450 00	419 87	30 13	.....
Fire alarm construction.....	1,103 98	1,103 98	.....	.....
Unfinished contracts.....	2,388 26	2,459 16	.....	70 90
Feed account.....	584 89	606 42	.....	21 53
Blacksmithing.....	135 00	104 25	30 75	.....
Horse bedding fire and police..	85 00	55 50	29 50	.....
Fuel account.....	340 00	324 45	15 55	.....
Lights.....	250 00	184 15	65 85	.....
Telephone.....	120 00	90 00	30 00	.....
Laundry.....	100 00	46 65	53 35	.....
Repairs to apparatus.....	200 00	265 52	.....	65 52
Property account, apparatus, etc	1 200 00	1,135 60	64 40	.....
Rent account.....	66 00	44 00	22 00	.....
Repairs to station.....	191 00	489 30	.....	298 36
Expense and supplies.....	500 00	389 65	110 35	.....
	\$ 16,614 13	\$ 13,653 05	\$ 3,417 39	\$ 456 31
Unexpended balance.....	.....	2,961 08	.....	.....
Overdrawn items.....	.....	.....	456 31	.....
	16,614 13	\$ 16,614 13	\$ 2,961 08	\$ 456 31

CHARGE POLICE DEPARTMENT.

Feed account.....	\$ 60 04
Fuel account.....	50 00
Horse feeding.....	7 00
Lights.....	59 00
Fire alarm.....	45 00
City jail.....	10 00
	<u>\$231 04</u>

Copy of the record of Expenditures of this department.

ED. HEFFERAN,
First Assistant Fire Marshal.

December 27, 1887.

Total number alarms.....	59
Lines hose laid.....	49
Streams water.....	35
Chemicals.....	23
Miles traveled.....	353

Total loss.....	\$	9,894	98
Insurance paid.....		9,184	98
Net loss.....			
Insurance carried.....	\$	710	00
Loss on which no insurance was carried....		119,845	00
		335	00

Inventory December 26, 1887.

Engine house and ground, No. 1.....	\$ 8,000 00
“ “ “ “ No. 2.....	6,500 00
“ “ “ “	3,400 00
9 horses.....	1,575 00
3 four wheeled hose carriages.....	1,810 00
2 two “ “	300 00
2 two “ hand “	50 00
1 hook and ladder truck.....	600 00
3 set double harness.....	240 00
3 set single “	120 00
9 bridles.....	18 00
9 currycombs and brushes.....	5 00
6 hay forks.....	3 00
2 doz. brooms.....	5 00
4 shovels.....	4 00
4 baskets.....	2 00
3 wheelbarrows.....	6 00
5 whips.....	4 00
2800 feet first class hose.....	2,380 00
1050 feet second class hose.....	525 00
700 feet third class hose.....	175 00
150 feet garden hose.....	22 50
14 rubber coats.....	42 00
2 relief valves.....	300 00
3 shut off nozzles.....	75 00
12 play pipes.....	120 00
8 hydrant wrenches, 15 spanners.....	10 00
12 hose suspenders.....	12 00
8 cut offs.....	64 00
2 extra ladders.....	24 00
5 Babcock extinguishers.....	175 00
20 “ charges.....	10 00
6 brass lanterns.....	30 00
7 tin “	14 00
5 writing desks.....	60 00
2 tables.....	10 00
30 chairs.....	60 00
15 cuspidors.....	7 50
5 coal stoves.....	140 00
2 wood “	10 00
70 lengths stove pipe.....	18 75
6 water pails.....	1 50
6 sponges, 6 chammois.....	5 00
13 beds and mattresses.....	169 00
Forward.....	\$27,092 25

Brought forward.....	\$27,092 25
13 pair blankets.....	65 00
13 quilts.....	26 00
14 pillows.....	28 00
4 doz. pillow slips.....	12 00
2 " sheets.....	10 00
2 " towels.....	6 00
14 bed spreads.....	28 00
Carpets and furniture, central station.....	100 00
" " " station No. 2.....	85 00
" " " " " 3.....	75 00
" " " " " 4.....	10 00
4 maps.....	12 00
3 extra harness and collars.....	24 00
9 horse blankets.....	40 50
Total.....	<u>\$27,623 75</u>

INVENTORY.

Fire alarm telegraph.....	\$ 5,556 83
May 1, 1887.....	\$ 4,152 85
Extension of 1887.....	1,103 98
	<u>\$ 5,556 83</u>

REAL AND PERSONAL.

May 1, 1887.....	\$23,660 00
Property account, 1887.....	2,459 16
" " apparatus and equip's	1,135 60
	<u>\$27,254 76</u>
Dec. 26, 1887.....	<u>\$27,623 75</u>
Excess in station No. 3, increased value new lot.....	\$ 368 99
Real estate.....	\$17,900 00
Equipment.....	8,651 00
Furniture.....	1,072 75
	<u>\$27,623 75</u>
10 tons hard coal.....	\$ 82 50
Feed.....	162 00
	<u>\$ 244 50</u>

I certify the above to be correct to the best of my knowledge.

ED. HEFFRAN,
First Assistant Fire Marshal.

Report of

Superintendent of Water Works.

For the Year 1887.

To the City Council of the City of Rockford:

Herewith a complete report of the water works department for the eight months ending December 31, 1887.

Respectfully submitted.

JOHN T. LAKIN,
Superintendent.

EXPENDITURES.—Construction and Maintenance.

SERVICE ACCOUNT.

Inventory May 1, 1887.....	\$	696	37	
Labor and material.....		4,338	51	
Total Dr.....				\$ 5,034 88
Cash received.....	\$	4,049	88	
By charge extension.....		445	89	
By charge expense, repairs.....		16	50	
By unpaid service bills.....		171	39	
Inventory Dec. 28, 1887.....		351	22	
Total Cr.....				5,034 88

STOCK ACCOUNT.

Inventory May 1, 1887.....	\$	719	04	
Material purchased.....		8,666	02	
Labor.....		3,202	13	
Total Dr.....				12,587 19
By cash received.....	\$	504	45	
By credit for old valve, Eddy Valve Co.....		100	00	
By extension account.....		9,713	51	
By inventory, Dec. 28, 1887.....		2,269	23	
Total Cr.....				12,587 19

TOOLS.

Inventory, May 1, 1887.....	3,848 00	
Purchase account 1887.....	147 59	
	<hr/>	
Total Dr.....		3,995 59
By inventory, Dec. 28, 1887.....	\$ 3,853 75	
Depreciation, charge expense.....	141 84	
	<hr/>	
Total Cr.....		3,995 59

MAINTENANCE.

PUMPING STATION.

Fuel.....	\$ 1,344 64	
Supplies.....	277 76	
Lights.....	134 85	
Engineer.....	671 64	
Assistant engineer.....	520 00	
Three firemen.....	1,238 95	
	<hr/>	
		4,187 84

GENERAL.

General repair account.....	\$ 326 03	
Repair and care of mains and hydrants...	662 19	
Stable account.....	165 91	
Officers—Superintendent.....	\$167 14	
“ City clerk.....	91 35	
	<hr/>	
	258 49	
Superintendent.....	800 00	
Collections and inspection.....	400 00	
Foreman—portion.....	213 55	
Depreciation of tool account.....	141 84	
	<hr/>	
		2,968 01
Total maintenance.....		\$ 7,155 85

EXTENSION ACCOUNT—(See Exhibit.

MAINS.

From stock account.....	\$ 9,602 06	
From service account.....	445 89	
	<hr/>	
Total mains.....		10,047 95

INCREASED WATER SUPPLY.

From stock account.....	\$ 111 45	
For material and labor.....	2,076 96	
	<hr/>	
Total water supply.....		2,188 41
Total extension account.....		\$12,236 36

PROPERTY ACCOUNT.

Total cost May 1, 1887.....	342,689 02	
Extension of 1887.....	12,236 36	
	<hr/>	
Total property account.....		\$354,925 38

BALANCE SHEET.

	DR.	CR.
Tools and fixtures.....	\$ 141 87	
Service account.....	4,338 51	\$ 4,049 88
Stock account.....	11,868 15	604 45
Increased water supply.....	2,076 96	
Maintenance.....	6,997 51	
Due from unpaid service bills.....		171 39
Appropriation.....		31,923 00
Unexpended balance.....	11,325 72	
	<hr/> \$36,748 72	<hr/> \$36,748 72
Total appropriation.....		\$36,338 96
To pay overdraft of 1886.....	715 96	
To pay citizens' fund, 1886.....	3,700 00	
	<hr/> \$31,923 00	<hr/> \$36,338 96

EXTENSION.—*Exhibit of Mains.*

EXHIBIT OF EXTENSION ACCOUNT OF 1887:

Second ave., 7th to 9th.....	2 inch pipe, 1,056 feet
Second ave., 5th to 7th.....	2 " " 550 "
Second ave., 5th to 7th.....	1 " " 250 "
Charles street, 9th to 11th.....	6 " " 1,341 "
Charles street, 11th to 12th.....	4 " " 355 "
Charles street, 12th East.....	2 " " 427 "
South 6th street, 3d ave. to 5th ave.....	2 " " 700 "
South 6th street, 6th ave. to Railroad.....	4 " " 36 "
First ave., 4th street East.....	2 " " 180 "
South 4th street, 1st to 4th ave.....	3 " " 1,162 "
Railroad ave to Woodruff avenue.....	4 " " 185 "
South 1st street, Almond to Ford.....	2 " " 260 "
Union street, 3d to Kishwaukee.....	3 " " 665 "
North 4th, Lafayette to East.....	2 " " 532 "
North 1st, Olive street south.....	4 " " 183 "
North 1st, Olive to Caroline.....	6 " " 1,121 "
Chestnut street, Stanley to Fay.....	2 " " 353 "
Chestnut street, Stanley to Avon.....	3 " " 445 "
Stanley street, South.....	6 " " 12 "
North ave., Napoleon to Thomas.....	3 " " 500 "
Napoleon. Grant ave. to North ave.....	6 " " 395 "
Salem, Main to court.....	6 " " 726 "
Haskell ave., Fisher ave. North.....	6 " " 350 "
Morgan street, Ferguson to Corbin.....	4 " " 382 "
Ferguson, Cunningham to Morgan.....	6 " " 1,222 "
Bruce street, Rockton to George.....	1½ " " 405 "
Kent street, J. T. Savage line.....	4 " " 60 "
Service to hydrants.....	4 " " 360 "

Total, 1 inch pipe.....	250 feet
" 1¼ " ".....	405 "
" 2 " ".....	4,058 "
" 3 " ".....	2,772 "
" 4 " ".....	1,201 "
" 4 " ".....	360 "
" 6 " ".....	5,167 "

Grand total, all sizes..... 14,213 feet

There are 27 valves and 5 hydrants, and 9 valves and 7 hydrants set on old lines. Making an extension of 14,213 feet of mains, 36 valves, 12 hydrants. There were 13 hydrants reset.

Labor.....	\$ 3,223 40
Material.....	6,670 21

Total.....\$ 9,893 61

DRINKING FOUNTAINS AND PARKS.

Crawford Park, lead service; Montague and Corbin, State and Church, Haskell Park, East Side Park, State and Madison streets and South Main street drinking fountain service.....	\$ 154 34
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DIRECT SUCTION.

Material.....	1,829 59
Labor	358 82

Total.....\$ 2,188 41

Total Amount charged to property account.....\$ 12,236 36

STATEMENT.—MAINS, HYDRANTS, VALVES.

MAINS.	FEET.	HYDRANTS.	
Under 2 inch.....	3,990	4 inch 2 way.....	241
2 inch.....	34,705	6 inch 3 way.....	6
3 inch.....	2,772	Total hydrants.....	247
4 inch.....	50,328	VALVES.	
6 inch.....	40,847	Under 2 inch.....	9
8 inch.....	23,638	2 inch.....	42
10 inch.....	8,070	3 inch.....	3
12 inch.....	5,135	4 inch.....	79
16 inch.....	545	6 inch.....	479
Total mains.....	170,030	8 inch.....	24
HYDRANT SERVICE.	FEET.	10 inch.....	4
Hydrants, 4 inch.....	6,505	12 inch.....	7
Hydrants, 6 inch.....	200	16 inch.....	3
Total hydrant service,	6,705	20 inch.....	1
CONDUIT AND SUCTION.	FEET.	Total valves.....	221
12 inch.....	563		
16 inch.....	480		
20 inch.....	24		
24 inch.....	112		
Total conduit & suc..	1,179		

Making totals of 33.60 miles piping; 247 hydrants; 221 valves.

RECORD.—Pumping Station.

ENGINEER'S RECORD.

GASKILL AND HOLLY ENGINES.

1887.

MONTH.	GALLONS.	COAL LBS.
May.....	59,451,380	171,485
June.....	58,196,100	155,530
July.....	62,125,380	161,710
August.....	58,085,580	143,320
September.....	50,277,650	138,770
October.....	53,903,030	190,095
November.....	47,992,430	161,220
December.....	43,601,130	135,570
Total.....	433,632,680	1,257,700
Less coal charged to direct suction construction		138,000
Net coal lbs.....		1,119,700
Total gallons of water pumped.....	433,632,680	
Total pounds of coal burned.....	1,119,700	
Cost of coal burned for engine duty.....		\$1,080 59
Average gallons per month.....	54,204,085	
Average pounds of coal per month.....	139,962	
Cost of coal per month.....		\$144 42
Average gallons in 24 hours.....	1,736,199	
Average pounds of coal in 24 hours.....	4,589	
Cost of coal per 24 hours.....		\$4 42
Pounds of coal per million gallons.....	2,582	
Coal cost per million gallons.....		\$2 49
Average coal duty, dynamic head, 128 feet....	41,389,670	
Average duty on evaporation, 10. to 1.....	91,977,044	
Coal burned for fire duty in lbs.....	8,970	
Cost.....		\$8 66
Cost to raise one million gallons one foot high, .01945.		

CHAS. W. CALKINS, Engineer.

SUMMARY OF STATISTICS.

POPULATION, 1887, 22,000.

Date of construction, 1875-6. Owned by City of Rockford.

Source of supply, Artesian wells. Mode of supply, direct pumping.

1. Builders of machinery, Holly Manufacturing Company.
2. Coal used, bituminous, average cost, \$1 93.
3. Coal consumed, in pounds, 1,119,700.
4. Total pumping in gallons, 433,632,680.
5. Average dynamic head in feet, 128.
6. Gallons pumped per pound of coal, 387.

10. Duty $\left\{ \frac{\text{Gal's pumped (6)} \times 8.34 \times 100 \times \text{dynamic head (8)}}{\text{Coal consumed (3)}} \right\} = 41,389,670.$
 Boilers evaporate, by measurement, $4\frac{1}{2}$ to 1.
 Cost of pumping, on pumping station expenses, \$4,187 84.
11. Per million gallons against head (8) \$9 66.
12. Per million gallons one foot high, .075.
 Cost of pumping on total maintenance, \$7,014 01.
13. Per million gallons against head (8), \$16 18.
14. Per million gallons raised one foot high, \$12 64.
15. Gross revenue per million gallons, \$33 46.
16. Net revenue per million gallons, \$17 28.

CHAS. W. CALKINS, Engineer.

STATISTICAL.—Service, Revenue, Rates.

SERVICE.

New services placed since May 1, 1887.....	260
“ “ “ January 1, 1887 to date	300
“ “ “ “ “ 1886, to January 1, 1887....	214
Increase, 1887.....	86

FIXED RATES.

West division 977 consumers.....	\$12,355 90
East division 807 consumers.....	7,705 13
Total.....1,784 consumers.....	\$20,061 03
Total May 1, 1887, 1,502 consumers.....	\$16,722 34
Increase, 282 consumers.....	\$ 3,328 69

REVENUE.

For 6 months only, July and October payments.....	\$10,877 65
Maintenance, 6 months only, all expense, including repairs.....	5,369 58
Net cash income 6 months.....	\$ 5,508 07

CONSTRUCTIVE INCOME.

Fixed rates.....	\$20,061 13
All other rates.....	550 00
247 hydrants, \$50 00.....	12,350 00
Public parks, buildings and fountains.....	768 50
Total annual value.....	\$33,729 63
Operating expenses, \$10,700 00.	
Net annual value, \$23,029 63, about $6\frac{1}{2}$ per cent. on total cost.	
Net cash receipts about 3 per cent. on total cost of works.	

PUMPAGE.

Gallons pumped January 1, 1886 to January 1, 1887.....	481,297,340
“ “ “ “ “ 1, 1887 to January 1, 1888.....	619,001,770
Increase during 1887.....	137,704,430

Annual Report City Marshal.

To the Honorable Mayor and City Council of the City of Rockford:

GENTLEMEN: Herewith is submitted a complete report of the department of police from May 1, 1887, to January 1, 1888.

The present force consists of city marshal, nine patrolmen for street duty, one patrol driver and city jailer.

Three merchant policemen are employed and paid by merchants, with the help of amount appropriated by the city council for that purpose. The nine patrolmen are assigned to duty to cover the business portions of the East and West sides, including South Main street, Chicago & Northwestern, and Chicago, Milwaukee & St. Paul depots, Winnebago street viaduct, Kishwaukee street. Fourth avenue and Seventh street to Forest City furniture factory. The hours of duty for nine patrolmen are as follows:

For day duty.....	2 men.
For night duty.....	3 “
From 12 m. to 12 p. m.....	4 “
This arrangement gives (including Merchants' police) for all night duty.....	6 “
Until 12 p. m.....	10 “

Accompany this report is statement of work done by aid of patrol wagon, showing the increasing usefulness of this branch of the service.

The extension of Police Alarm Line, recommended in last report, has been carried out at small expense, with the best results, the cost of which is given below.

With the weeding out of useless material, and the adoption of definite regulations for the government of the force, which has been accomplished through the active co-operation of the Mayor. the department has reached a high standard of efficiency.

The continuance of the allowance to the Merchants' Police Association is recommended, as the same has been proven satisfactory in every respect.

TOTAL ARRESTS FROM MAY 1, 1887 TO JAN. 1, 1888.

Assault and battery.....	4
“ with intent to kill.....	2
“ “ “ “ commit rape.....	1
Bastardy.....	1
Burglary and larceny.....	5
Cruelty to animals.....	1
Drunk.....	163
Drunk and disorderly.....	78
Disorderly conduct.....	4
Exposing person.....	1
Fugitive from justice.....	1
Gambling.....	3
Insane person.....	1
Interfering with officer.....	2
Keeping disorderly house.....	7
Inmate of “ “.....	8
Larceny.....	10
“ as bailee.....	1
Obtaining money under false pretense.....	1
On peace warrant.....	1
Reckless driving.....	5
Shooting in city.....	3
On execution and mittimus.....	1
Vagrancy.....	5
For violation of sprinkling ordinance.....	13
“ “ “ street “.....	8
“ “ “ liquor “.....	8
“ “ “ dog “.....	3
“ “ “ health “.....	4
“ “ “ milk “.....	3
“ “ “ fire “.....	1
“ “ “ junk “.....	2
“ “ “ bridge “.....	5
— 355	

DISPOSED OF AS FOLLOWS:

Number paid in court.....	202
“ committed to city jail.....	81
“ “ “ county jail.....	14
“ discharged.....	26
Sentence suspended.....	4
Cases appealed.....	4
On peace warrants.....	1
Fugitive from justice turned over to officer from other city.....	1
Forfeited bail.....	13
Fine remitted.....	5
Cases continued.....	1
Held to bail.....	3
— 355	

RECORD OF PATROL WAGON FROM MAY 1, 1887
TO JANUARY 1, 1888.

Total runs.....	338
Average number per month, 1887.....	42
“ “ “ “ 1886.....	39
Number arrests with wagon.....	208
“ “ “ “ 1887.....	26
“ “ “ “ 1886.....	16
Fires attended.....	13
Estimated miles traveled.....	453
“ “ “ “ per month.....	56
“ “ “ “ run.....	1.34

DEPARTMENT EXPENSES.

Salary of officers.....	\$5,321 97
Special police service.....	7 00
Rent of First street station.....	50 00
Supplies.....	123 47
Printing and advertising.....	36 65
Telephones and service.....	63 48
Fitting up stations.....	84 17
Veterinary.....	4 05
Livery.....	8 50
Patrol driver's salary.....	400 00
Blacksmithing.....	13 90
Repairs.....	27 88
Supplies for patrol.....	6 57
Department property.....	128 00
Feed for horse.....	60 04
Fuel.....	50 00
Bedding for horse.....	7 00
Lights.....	59 00
Alarm line.....	198 69
Merchants' police.....	159 99
	<hr/>
	\$6,810 36

INVENTORY.

ESTIMATED VALUE OF DEPARTMENT PROPERTY.

Patrol wagon.....	\$	250	00
Horse and harness.....		200	00
Two vibrating bells.....		5	00
Two stoves.....		30	00
Three desks and stools.....		20	00
One clock.....		5	00
One pair handcuffs.....		4	00
Lockers, First street station.....		15	00
Four revolvers (old).....		8	00
Three inkstands.....		1	00
One gun.....		18	00
Sixteen belts and clubs.....		30	00
Eight police badges.....		10	00
Six special police badges.....		4	00
One mirror.....			50
One lamp.....			50
Three tables.....		5	00
Rubber hose.....		5	00
Furnishing driver's room.....		30	00
One desk.....		34	00
Eight revolvers.....		94	00
Total.....			\$ 769 00

POLICE ALARM TELEGRAPH LINE.

Cost of construction previously reported.....	\$	68	25
Call boxes and cases.....		36	60
Register and office fixtures.....		67	50
Expressage.....		3	05
Labor and material.....		43	79
Printing.....		2	75
Total.....			\$ 221 94

Respectfully submitted,

A. W. WEBB, City Marshal.

Report of Keeper of City Prison,

For the Eight Months ending December 31, 1887.

To the City Council of the City of Rockford:

GENTLEMEN:—I have the honor to submit to you my report of the City Prison of the City of Rockford, for the year ending Dec. 31, 1887.

Number of prisoners.....		247
Offenses as follows:		
Drunk.....	174	
Disorderly conduct.....	44	
Drunk and disorderly.....	14	
Keepers and inmates of disorderly houses.....	6	
Larceny, 1; Violating liquor ordinance, 2.....	3	
Vagrancy.....	6	
		247
Numbers of lodgers.....		59
Number of prisoners committed from Justice court to city prison.....		71
Amount of fines assessed.....	\$	732 70
Amount paid in cash.....	\$160 00	
Amount paid in labor.....	241 50	
Discharged.....	298 60	
Appealed.....	32 60	
		\$ 732 70

DEPARTMENT EXPENSES.

Salary of officer in charge.....	\$533 36	
Stone bought.....	137 20	
Prisoners' board.....	215 10	
Coal.....	54 95	
Telephone, two quarters.....	18 00	
Supplies.....	57 72	
Repairs.....	20 78	
Gas.....	10 00	
		\$ 1,047 11
Credit for stone sold.....	\$314 60	
Cash from Durand for prisoner.....	4 95	
		\$ 319 55
Appropriation for city prison for the year.....		1,700 00
Expense of department.....		1,047 11
Credit.....		319 55
Expense and credit less than the appropriation.....		972 44

Respectfully submitted,

THOMAS SULLY,
Keeper of City Prison.

ANNUAL REPORT

Committee on Streets and Alleys,

1887.

To the Honorable Mayor and City Council of the City of Rockford :

GENTLEMEN :—Your Committee on Streets and Alleys herewith present a report, in a condensed form, showing the approximate manner in which the expenditures of this department have been made during the fiscal year commencing May 1, 1887, and ending Dec. 31, 1887.

Overdraft 1886.....	\$ 540 58
Street commissioners salaries.....	1,200 00
Filling West State, Elm, Mulberry and Pecatonica sts.....	\$ 602 25
Filling and grading Wyman st.....	209 75
“ “ “ Edwards and Staplin sts..	386 25
“ “ “ for School st. bridge.....	327 50
Redressing South Court st.....	216 50
Repairing West State and South Main sts.....	285 00
“ “ North Church, South Church, North Main, Salem and Haskell ave.....	433 75
Repairing West st. and Rockton ave.....	210 00
Grading Grant ave.....	184 50

WEST SIDE.

130 new plank st. crossings—lumber.....	\$1,460 25
85 old “ “ “ rep'd—labor.....	427 37
45 new “ ally “—nails, etc.....	76 50
16 sluice ways renewed.....	\$1,964 12

EAST SIDE.

131 new street crossing, 33 old street crossing repaired—lumber.....	
9 new sluice ways, 7 old repaired.....	\$2,514 09
General street work.....	1,272 63
Railroad ave. bridge.....	163 80
Street work, Railroad ave.....	113 50
“ North Second st.....	370 00
“ Longwood st.....	75 00
“ Fifth ave.....	251 80
“ Madison st.....	430 80

10,011 24

Forward.....	\$10,011 24	\$11,751 82
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Brought forward.....	\$10,011 24	\$11,751 82
" Kishwaukee st.....	550 00	
" Water st.....	150 00	
Sewer pipe laid for storm water, Kishwaukee st	75 00	
Repairing Kishwaukee st.....	616 50	
Grading Jackson st.....	110 00	
Repairing South First st.....	75 00	
Lumber on hand.....	237 00	
New tools and blacksmithing.....	94 60	
Supplies—nails, etc.....	230 34	
Repairs Auburn st., paid town commissioners one-half.....	40 00	
Sidewalks, &c., laid for private parties as per commissioners reports.....	579 15	
Concrete walks, Park st.....	155 40	
" " North Second st.....	146 00	
" crossings, East side.....	226 30	
" " West side.....	127 80	
School st. bridge, abutments and superstructure	2,142 50	
Five stone crossings, no labor.....	87 03	
Gravel for general use.....	303 55	
Stone and sewer pipe for sluice ways.....	223 86	
Rubble from city jail.....	317 15	
General bridge repairs.....	62 17	
City engineer, personal services.....	\$536 00	
Iron monuments, record books, assist- ants, printing, &c., &c.....	881 80	
	<hr/>	
Sidewalks laid by commissioners under ordi- nance, to be collected.....	1,417 80	
	<hr/>	
		\$ 8,347 17
Total.....		<hr/>
		\$20,098 99

The foregoing statement is sufficiently accurate to enable your honorable body to judge whether the annual appropriation has been judiciously expended, and work distributed for the best interest of the city. All improvements have been designed to be as permanent as possible, and should the expenditures in certain localities seem out of proportion, it must be remembered that in some cases many improvements have been made in the past, making but little work necessary now, and in other cases, where large outlays have been made, but little work will need be done for some time to come.

We would call your attention to the seemingly large sum expended for "General Street Work," and would state, that from observation and estimates of the street commissioners, your committee are satisfied that it takes from the street fund annually the sum of \$1,500 to \$2,000 to repair the streets after the laying of water mains, sewers and gas mains, and services for both gas and water.

It makes no difference to the city what fund pays this expense if caused by city departments, and it is provided for by proper appropriation, but we believe some regulation should be made whereby pri-

vate parties digging in the streets should replace the same in good condition, or agree to pay the cost of putting such streets in as good condition as when dug up.

Some action should be taken by this council in regard to what part of the expense incurred in macadamizing or graveling streets should be borne by the city. On the West side it is the custom for the city to furnish the grade, either by cutting or filling, and property owners pay for the improvement. On the East side there has been some departures from this custom, and your committee have sometimes been at a loss to know just what to do.

Great progress has been made during the year in the management of street improvements. For the first time the city has established grades on all its principal streets, near the business portion, making it impossible for any future commissioner to work otherwise than in accordance with a general plan, except through ignorance or wilfulness. The early completion of establishing street grades throughout the city will be of great benefit to this department in the future.

The supervision of the expenditure of the street fund is, under the present ordinance, deputed to the committee on streets and alleys by courtesy of the mayor and council, and in its management your committee has simply followed the long established precedent of the city in directing all street improvements in the absence of definite instructions regarding the same.

All of which is respectfully submitted.

SAMUEL N. JONES,
MARTIN RHOADES,
CHAS. RITCHIE,
S. P. CRAWFORD,
W. D. CLARK,

Committee on Streets and Alleys.

ANNUAL REPORT

W. I. HART, STREET COMMISSIONER DIST. No. 1.

DECEMBER 31, 1887.

To the Honorable Mayor and City Council of the City of Rockford :

GENTLEMEN: I herewith submit my annual report as Street Commissioner, District No. 1, for the year ending December 31, 1887:

RECEIPTS.

MONTH.	CITY ORDERS.	OTHER SOURCES.	TOTAL.
May	\$ 696 37	.....	\$ 696 37
June	493 67	\$ 148 58	642 25
July	720 67	53 45	774 12
Aug.	964 26	101 99	1,066 25
Sept.	692 50	.....	692 50
Oct.	1,060 21	79 79	1,140 00
Nov.	494 64	63 36	558 00
Dec.	160 00	20 00	180 00
	\$ 5,282 32	\$ 467 17	\$ 5,749 49

EXPENDITURES.

MONTH.	TEAM LABOR.	HAND LABOR.	TOTAL .
May	\$ 452 75	243 62	\$ 696 37
June	326 50	315 75	642 25
July	355 87	418 25	774 12
Aug.	501 75	564 50	1,066 25
Sept.	262 00	430 50	692 50
Oct.	469 00	671 00	1,140 00
Nov.	215 75	342 25	558 00
Dec.	57 00	123 00	180 00
	\$ 2,640 62	\$ 3,108 87	\$ 5,749 49

RECAPITULATION.

EXPENDITURES.

For team labor.....	\$2,640 62	
For hand labor.....	3,108 87	
	<hr/>	
Total.....		\$5,749 49

RECEIPTS.

From city orders.....	\$5,282 32	
From other sources.....	467 17	
(As shown in monthly reports.)	<hr/>	
Total.....		\$5,749 49

INVENTORY OF OAK LUMBER..

2,900 feet scantling.....	\$ 72 00	
3,500 feet plank.....	87 50	
	<hr/>	
At \$25.00 per M.....		\$159 50

INVENTORY OF TOOLS

Belonging to the City of Rockford, in the hands of street commissioner District No. 1:

No.	ARTICLES.	VALUATION.
1	Steel roller.....	\$200 00
2	Snow plows.....	10 00
2	Plows.....	15 00
3	Scrapers.....	30 00
2	Crowbars.....	3 00
5	Picks.....	4 00
5	Scoopshovels.....	4 00
8	Stone hammers.....	8 00
1	Post-hole auger.....	2 00
3	Axes.....	3 00
1	Wheel barrow.....	2 00
1	Sledge.....	1 00
3	Hoes.....	2 00
4	Red lanterns.....	4 00
1	Hand-cart.....	5 00
1	Four-horse neckyoke.....	3 00
1	Grub-hoe.....	1 00
		<hr/>
		\$297 00

All of which is respectfully submitted.

W. I. HART,
Street Commissioner District No. 1

ANNUAL REPORT

R. W. BARNES, STREET COMMISSIONER DISTRICT No. 2.

FOR THE YEAR ENDING DEC. 31, 1887.

To the Honorable Mayor and City Council of the City of Rockford:

GENTLEMEN: I herewith submit my annual report as street commissioner of District No. 2, for the year ending Dec. 31, 1887:

RECEIPTS.

MONTH.	CITY ORDERS.	OTHER SOURCES.	TOTAL.
May	\$ 99 76	\$ 16 00	\$ 115 76
June	531 78	6 35	538 13
July	608 38	17 77	626 25
Aug.	628 90	10 61	639 51
Sept.	517 53	52 50	570 03
Oct.	733 13	9 75	742 88
Nov.	550 00	2 00	552 00
Dec.	488 10	10 00	498 10
	\$ 4,157 68	\$ 124 98	\$ 4,282 66

EXPENDITURES.

MONTH.	TEAM LABOR.	HAND LABOR.	OTHER BILLS.	TOTAL.
May	\$ 62 38	\$ 53 38	.....	\$ 115 76
June	287 63	226 25	\$ 24 25	538 13
July	374 50	251 75	.....	626 25
Aug.	365 16	273 75	.....	639 51
Sept.	332 18	237 85	.....	570 03
Oct.	464 63	278 85	.....	742 88
Nov.	313 75	237 25	1 00	552 00
Dec.	281 65	216 45	.....	498 10
	\$ 2,482 48	\$ 1,774 93	25 25	\$ 4,282 66

RECAPITULATION.

EXPENDITURES:

Team Work.....	\$2,482 48	
Hand Labor.....	1,774 93	
Other Bills.....	25 25	
Total.....		\$4,282 66

RECEIPTS:

Other Sources.....	\$ 124 98	
City Orders.....	4,157 68	
Total.....		\$4,282 66

INVENTORY OF TOOLS

Belonging to the City, Dec. 31, 1887:

No.	ARTICLES.	EACH.		TOTAL.
2	Large Plows.....	\$10 00	\$15 00	\$25 00
2	Smaller Plows.....	8 00	10 00	18 00
2	Road Scrapers.....	6 00	6 00	12 00
2	Dumpy Scrapers.....	8 00	8 00	8 00
2	Crow Bars.....	1 00	1 00	2 00
4	Picks.....	75		3 00
3	Stone Hammers.....	1 00		3 00
6	Snow Shovels.....	40		2 40
2	Hand Saws.....	1 00		2 00
2	Hoes.....	50		1 00
1	Spirit Level.....			1 00
2	Hand Axes.....	50		1 00
2	Paving Stone Hammers.....	50		1 00
3	Snow Plows.....	4 00	3 00 2 00	9 00
1	4-horse Neck-Yoke.....			4 00
1	Tool-House on Rented Lot.....			30 00
				<hr/>
				\$123 40

INVENTORY OF OAK LUMBER

On hand Dec. 31, 1887.

1600 feet 2-inch Plank, at \$25.....	
3500 " 2½ " " "	
2000 " 4-4 " "	
<hr/>	
— — —	\$177 50

SIDEWALKS LAID AND UNSETTLED

For Dec. 31, 1887.

R. J. Randolph.....	\$ 15 81
Mrs. Sophia Valentine.....	14 82
City Prison—Stone Pile.....	26 95
	<hr/>
	\$ 57 58

R. W. BARNES,
Street Commissioner Dist. No. 2.

ANNUAL REPORT

Committee on City Lights,

1887.

ROCKFORD, ILL., January 2, 1888.

To the City Council of the City of Rockford:

GENTLEMEN:—The Committee on City Lights report as follows: On July 20, 1886, the Rockford Gaslight and Coke Co. entered into a contract with the City of Rockford to erect street lamps, and furnish light for the streets of Rockford for a term of three years after its date. Under this contract we have now in use 473 bridge and street lamps, and 23 more ordered that are not erected. From May 1st to December 31st, 1887, there was paid for lighting council rooms, bridge and street lamps, and rent of posts, \$7,957 46. On the nights of September 7th, 8th, and 9th there was extra lighting, amounting to \$88 20. From April 1st to December 31st, 1887, there was a shortage in not lighting lamps according to contract, amounting to \$159 00. From May 1st to December 31st, 1887, there was 33 new street lamps ordered by the council.

The committee recommend that a sufficient sum of money be appropriated for lighting all the lamps now in use and ordered, and as many more as the council in their judgment think will be necessary to be erected this year. The committee on lights, according to instructions from the council, had 315 street signs placed on street lamps, at a cost of \$236 25. There are 38 more signs ordered that are not finished.

We recommend that sufficient money be appropriated to pay for these signs when finished and placed on the street lamps. The committee further recommend that the street commissioners be appointed inspectors of city lights, and when so appointed, it shall be a part of their duty to see that the street lamps are lighted and kept burning during the stipulated time, and that the gas be of such quality and sufficient pressure to give a light equal to that mentioned in the contract, and report to the city clerk or council any failure of the same.

MARTIN RHOADES,
E. W. BROWN,
CHAS. RITCHIE,
SAMUEL N. JONES,
W. B. REYNOLDS,

Committee on City Lights.

ANNUAL REPORT

Secretary Police and Firemen's Relief Fund,

1887.

To the Honorable Mayor and City Council of the City of Rockford :

GENTLEMEN:—Following is a statement of the condition of the Police and Firemen's Relief Fund to date, January 1, 1888.

Cash on hand May 1, 1887.....	\$120 86	
Received of I. O. O. F., rebate.....	8 33	
“ from dues.....	31 00	
“ “ overdraft.....	25	
“ “ L. L. Morrison (donation).....	2 00	
“ “ interest.....	10 00	\$ 51 58
Total		<u>\$172 44</u>

EXPENDED.

For medical attendance, Baume.....	\$ 10 00	
“ medicine for Baume.....	2 25	
“ medical attendance, Yordy.....	4 45	
“ “ “ J. C. Welch.....	3 00	
“ “ “ S. Julian.....	8 15	
“ “ “ Baume.....	1 00	
“ “ “ Webb.....	63 05	
“ “ “ H. C. Clark.....	28 00	
Balance cash on hand.....	\$ 52 54	
		<u>\$174 44</u>
City bond in hands of treasurer.....	\$500 00	
Balance.....	52 54	
Total on hand.....	<u>\$552 54</u>	

Respectfully,

A. W. WEBB, Secretary.

ANNUAL REPORT

Treasurer Police and Firemen's Relief Fund,

1887.

HORACE BROWN, TREASURER, IN ACCOUNT WITH POLICE AND FIREMEN'S
RELIEF FUND.

July 13, from W. H. McCutchan, treasurer.....	\$129	19	
Aug. 2, " A. W. Webb.....		25	
Dec. 28, " ".....		33	00
48 50 49 47 54 53 55 56			
4.45 10.00 2.25 3.00 8.15 1.00 6.50 10.05			\$ 45 40
59 57 58			
10.00 36.50 28.00.....			74 50
Balance.....			42 54
	\$162	44	\$162 44
Balance.....		42	54
City bond.....		500	00
Balance.....			542 54
	\$542	54	\$542 54
Balance.....		542	54
Jan. 3, coupon due September, 1887.....		10	00
Total balance.....	\$552		54

HORACE BROWN, Treasurer.

REPORT OF CITY ENGINEER

—FOR—

Fiscal Year ending Dec 31, 1887.

CITY ENGINEER'S OFFICE, ROCKFORD, ILL., Dec. 31, 1887.

To the City Council of the City of Rockford.

GENTLEMEN:—I herewith present my report for the fiscal year ending December 31, 1887.

The work of this department was provided for in the annual appropriation bill, under the following heads.

SUPERVISION OF SCHOOL STREET BRIDGE.
ESTABLISHING GRADES, STREETS AND WALKS.
MONUMENTS.
RECORDING.
ADVANCING SEWER SYSTEM.

SCHOOL STREET BRIDGE.

The old bridge on School street, over Kent's creek, which consisted of wooden beams, supported by pile bents, was washed out by the spring flood on February 12, 1887.

Under the direction of the Street Committee, acting under a resolution of the Council, general plans and estimates (see appendix) were made and submitted March 21st, for a new bridge at that point. By resolution the Council authorized the Street Committee "to receive bids on an iron bridge of seventy-eight feet span and sixteen feet roadway, on stone abutments, according to plans and specifications to be furnished by the City Engineer."

In accordance with this resolution, general plans and specifications were prepared (see appendix), and bids were called for. On April 14th bids were opened by the Street Committee (see appendix), and on their recommendation the bids of Peter Robertson for substructure, and of Ward & Keepere for superstructure, were accepted by the Council.

The creek bed at this point is composed of a fine sand, which, on account of its liability to wash out, makes a very treacherous material for a foundation. In order to be free from the danger of washing out, a row of sixteen foot piles were driven in the most exposed position on the fronts of the abutments proper. The remainder of the piles in the

abutments and wing walls were twelve feet in length. The heads of the piles were driven three feet under low water, that is to about 101.70 feet above city datum. There was a total length of 1,280 feet of piling used in the abutments, most of which was of burr oak. On the top of the piles, and running transversely across the abutment, were placed 10x10 inch oak timber, drift-bolted to the piles, between which and around the head of the piles rubble was placed and tightly compacted. On top of the timbering three inch oak planks were placed and securely spiked down. On this planking the masonry was laid. The timbering is all two feet under low water, and there is, therefore, no danger of its rotting out. The west abutment was placed somewhat higher than the east, giving the bridge a slight grade, and relieving the grade of the hill somewhat. The detailed plans for the superstructions were, according to contract, submitted to this department before construction began. They were examined, found satisfactory and approved. When the bridge iron arrived it was found to be somewhat defective in construction, owing to poor riveting. A large number of the rivets were cut out, and new work done which was executed quite satisfactorily. A general plan of the superstructure is attached to this report. Detailed plans of the iron work, and complete plans of the substructure are on file at this office.

GRADES.

Considerable progress has been made this year toward establishing Grades for streets. About twelve miles having been fixed during the season (for list, see appendix). A map is appended showing all grades established up to date. The method of recording street grades is by two forms. The first form is by profiles, in which the original surface is shown in black, and the grade line, when established, is drawn on in red. During the year a set of profiles, embracing all the streets in the city, except a few unopened or unimproved, have been made and deposited in the office of the city clerk. These profiles are on linen backed profile paper, cut to a uniform size of 11 x 24 inches, and drawn to a vertical scale of one inch to six feet, and a horizontal scale of one inch to two hundred feet. These profiles are separated for convenient reference into East and West side profiles, each part being alphabetically indexed. There is also a pocket profile book, containing about the same profiles as in the record book just described, but drawn to one-half the scales, which book is in this office, and is used for ready reference, both for office and field.

The second form of record used is a specially ruled book, in which, in separate columns, the following points are given:

- Name of street on which grade is fixed.
- From what point established.
- To what point established.
- Location of grade point.
- Height of grade point above city datum.
- Date when established.

There are two of these books kept, one for the clerk's office, the other for this office. No attempt has been made to establish sidewalk grades on an extended basis, only about 982 feet having been as yet established, and there is hence no system of recording them as yet.

There is one point in relation to grades for both street and sidewalks to which I wish to call the attention of the council. This department is often called on to furnish grade for localities for which no grades have been established. It has been the custom to furnish what is called an approximate grade, and which is as near what the permanent grade will be as the engineer's judgment can place it. The property owners are always informed when only an approximate grade can be given; yet there is often a misunderstanding if it is found necessary to change the grade, as given, when the permanent grade is fixed. It is believed to be desirable in order to prevent such misunderstanding, to require a printed application for such grade, to be signed by the person wishing it; and also that a certificate be given when a grade is given.

With the consent of the street committee I tried to introduce some such system into use last year, but it was unsuccessful, as the property owners refused to sign what was not required by ordinance. I would recommend that such changes be made as shall introduce some system into the work of giving grades, and protect this department, and the property holders also, by clearly defining, by an application and certificate, what is required and what has been given.

As the grade ordinance now stands, the line on which the sidewalk grade is established is not defined. I would recommend that section V of the ordinance, passed March 21, 1887, be amended so that it will read: "The grade of any sidewalk shall be established in the same manner as the grade for streets. AND SAID GRADE SHALL BE THE GRADE OF THE SIDEWALK AT THE CONTIGUOUS LOT LINE, OR ON THE INSIDE OF THE WALK NEXT THE LOTS. And all sidewalks shall slope toward the street at an incline of one inch in every four feet." The part underlined in the above is the part which should be added.

MONUMENTS.

The principal field work this year has been done for correcting and establishing monuments to mark the street centres of the city. This has proved a greater undertaking than was at first anticipated, owing to inaccuracies of the recorded plats. The work has been pushed as rapidly as possible, and about 260 monuments have been set. A number of these will have to be checked up before the work will be permanent. It is very desirable that this work, which is now so far advanced, be completed during the coming year, and I would so recommend.

In order that in the future the system of monuments shall be complete, all owners of land who desire hereafter to sub-divide, or add such land to the city, should be required to have monuments set on the centre of streets, at every intersection with any other streets, and at all angles in the centre line of each street.

I would recommend that the council take some action toward fixing these requirements as early as possible. A map showing the monuments now set is appended.

RECORDING.

Work under this head has been carried on to a considerable extent during the year, and has consisted of keeping records of all data of work done by the department during the year, and of obtaining and recording such data of work heretofore constructed or completed as

can be obtained. As this work has been neglected heretofore, we have been obliged to arrange new forms for records. This has been somewhat slow, as the best forms which would answer all requirements could not always be determined at once. The material included in this work is shown in the appendix.

SEWER SYSTEM.

The work of designing a system of sewers for the city has been progressing steadily, although the pressure of other work has delayed this somewhat. It is believed that detailed plans and a final report can be soon presented to the council.

In general I would say, that the main lines of sewers have been quite satisfactorily located, except some detail as to the best point and manner of outlet. The lateral lines have also been quite thoroughly considered. It is thought best, in only a few localities, to admit storm water into the sewers, except to a limited extent as a flush at the end of laterals.

By the exclusion of storm water the cost of construction can be kept at a minimum, and the system be made more efficient for house drainage. The call for sewers from all parts of the city is becoming more noticeable, and will warrant some construction during the next season.

STREETS AND PAVEMENTS.

There has been much said during the past year concerning the necessity of pavements for our principal business streets, and the advantages possessed by the different kinds of paving. It must be remembered that however successful any kind of pavement has been in certain localities, that such success has often been due to local circumstances, and that the introduction of any pavement into this city must be more or less experimental. It is therefore desirable that whatever the city does in this line shall be done in the way of an experiment, and with the aid of all the information that can be obtained relative to methods in use of laying such pavement or pavements. No one form of paving should be hastily adopted, but blocks or intersections of two or more of the pavements which are believed to best answer the needs and resources of the city should be properly and carefully laid, in order that we may judge, without a large outlay, of the advantages or defects of the different systems as influenced by our local conditions.

While considerable paving on our business streets may be desirable, it must be kept in mind that of the one hundred miles of streets in Rockford but a limited number will be paved for many years to come, and that this city must depend largely on the local material for the improvement and maintenance of the greater number of streets. The question then arises, would it not be judicious, this being the case, to ascertain in what manner the local supply of material can best be utilized. It would be money and time well expended to observe carefully, and ascertain clearly, the possibilities of our local materials, and the best and cheapest manner of utilizing them. The ascertaining of these facts, and their careful application, would result in a considerable improvement in our streets.

Another point in regard to our streets is this, that we will never make a success with any kind of pavement or road covering until we can

properly compact the foundation. While the surface of a pavement or road is doubtlessly a matter of great importance, it is entirely secondary to the matter of a proper foundation.

The first essential of a successful pavement is the foundation, and without it no pavement can be successful. The only practicable method of compacting a foundation is by rolling with a heavy roller, and, as to give a proper degree of compactness, requires a greater weight than can be handled by horse power; the steam roller is necessarily employed for this purpose. For a proper foundation a roller weighing not less than ten tons should be employed not less than ten hours on each average block of road surface. These rollers, or rather the compression attained by them, is essential, not only to foundation but also to all roads surfaced by the finer materials, such as gravel, cinders, McAdam, rubble, etc., which are the materials Rockford must necessarily use to the greater extent on its streets.

There is also one other consideration which applies not only to pavements but to all streets in reasonably fair condition, and that is, that no street, no matter how well laid, or how excellent the material, can be properly maintained if it is constantly disturbed for repairing or laying underground pipes and conduits. All such pipes or conduits should be laid or thoroughly repaired before any improvement is undertaken, and if at any later time it becomes necessary, as it certainly will, to make openings in the streets, they should be made only by permission of the city officials having charge of streets, and under their immediate supervision, and such permits should only be granted on the payment of the estimated necessary expense of properly replacing the same, which should be done by city workmen under city supervision.

Road construction, while somewhat experimental in character, has certain rational principles, which, if neglected, will cause any street to become a failure. But by the careful observance of these principles the streets of Rockford may be made a thorough success.

Respectfully,

DANIEL W. MEAD,
City Engineer.

APPENDIX.

Estimate for a bridge over Kent's creek, on School street, 70 feet over all, 16 feet roadway. Bridge to stand from three to four feet above old bridge.

SUPERSTRUCTURE.

Iron bridge.....	\$1,167 00
Combination bridge.....	742 00
Wooden	609 00

SUBSTRUCTURE.

Masonry on piles.....	\$1,169 00
Masonry on grillage.....	1,000 00
Pile bents.....	250 00
Trestle bents.....	150 00

BRIDGE PROPOSALS WANTED.

ROCKFORD, ILL., March 30, 1887.

In accordance with a resolution of the city council, sealed proposals will be received at the city clerk's office until 7:30 p. m., Thursday, April 14, 1887, for building an iron bridge, with masonry abutments, over Kent's creek, on School street, in this city. Proposals must be addressed to, "The Chairman of the Council Committee on Streets and Alleys," and be endorsed with the name of the work for which the proposal is made, and the name of the bidder. Separate bids must be made on foundation piles, masonry abutments, and superstructure. Bids must be made in accordance with general specifications on file at the city clerk's office. Bidders may be present at said office at 7:30 p. m., at which time the proposals will be opened and publicly read. Work will be let by the city council on April 18th. The city reserves the right to reject any and all proposals.

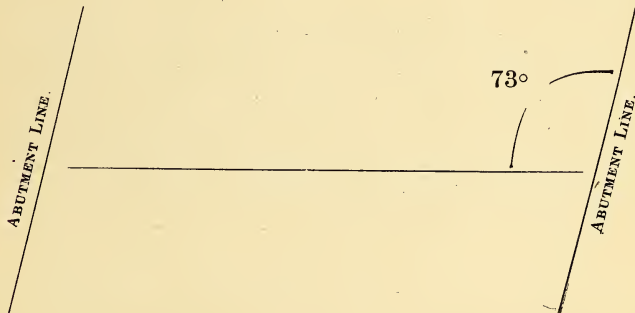
Per order Committee on Streets and Alleys.

SAMUEL N. JONES, Chairman.

GENERAL SPECIFICATIONS FOR SUPERSTRUCTURE

For an Iron Bridge over Kent's creek, on School street, Rockford, Ill.

1. The superstructure shall be seventy (70) feet in length, over all, with a sixteen (16) foot road way.
2. The centre line of the bridge will make an angel of seventy-three (73) degrees to the right with the face of the abutments.



3. The floor will be about fifteen (15) feet above the bed of the stream.
4. The structure shall be proportioned to carry the following loads, in addition to the weight of the structure itself, with a factor of safety of four (4):
 - (a) For trusses ninety lbs. per square foot of road surface.
 - (b) For floor beams, beam hangers and hip verticals, one hundred (100) lbs. per square foot of road surface.
 - (c) For wind pressure, three hundred (300) lbs. per lineal foot of span.

5. All parts of the structure shall be wrought iron, except the flooring, floor joist and wheel guards.

6. The floor plank shall be pine plank, three (3) inches thick, laid with one-quarter ($\frac{1}{4}$) inch openings and spiked to each supporting joist.

7. The floor joist shall rest on the iron floor beams, and shall be spaced not over two (2) feet centers, lapping each other to give full bearing. The dimensions shall be taken from the following table:

For 10 foot panel length	3	inch	x	12	inch	joist.
" 12 "	"	"	"	3 $\frac{1}{2}$	"	x 12 " "
" 14 "	"	"	"	4	"	x 12 " "
" 16 "	"	"	"	4	"	x 13 " "

8. All parts of the structure shall be so designed that the strain coming upon them can be accurately calculated.

9. Bidders, in submitting proposals, must furnish complete strain sheets, general plan of proposed structure, and such detail drawings as shall clearly show the dimensions of all the parts, mode of construction and section area of members. The date on which computations were made must be also given.

10. All workmanship and material must be first-class in every respect, and must be satisfactory to the street committee and the city engineer.

11. Bids must be made for the superstructure complete and ready for use.

SPECIFICATIONS FOR SUBSTRUCTURE, PILE AND TIMBER WORK.

Piles and timber shall be of good sound white or burr oak, of quality approved by the engineer. Piles shall be not less than twelve inches in diameter, and properly sharpened, and of such lengths as may be specified. The bark is to be taken off in all cases. The piles are to be driven to a resistance satisfactory to the engineer. All piles injured by driving shall be removed and new ones substituted. The tops are to be sawed or cut off truly and evenly to the grade furnished.

On the piles so driven a plank and timber foundation shall be laid according to the plans and to the satisfaction of the engineer. Only the actual number of feet of piles, timber and plank used and left for use in the foundation will be paid for.

MASONRY.

1. Excavations shall be made to such depths and in such directions as the city engineer shall direct. Upon the ground so opened piles shall be driven, and a timber foundation built as elsewhere provided, on which the masonry shall rest.

2. Masonry in abutments shall be of good quality of rock range work; stones to be squared, bedded, and laid in courses not less than twelve or more than twenty inches in thickness, bed of stretchers to be not less than fourteen inches for twelve inch courses, and for courses over fourteen inches in width the bed must be equal to the width of the face, they shall not be less than two feet in length. The headers shall have not less than twelve inches width of face. The interior and back abutments shall be constructed of similar like sized stones, and in such manner to be well bounded together.

3. The interstices shall be filled with sound stone clippings and grouted full. All masonry shall be laid in "Star" brand of "Akron" cement, and the outer face shall be pointed.

4. Mortar shall be composed of two parts of sharp sand and one part of cement if so required by the engineer.

5. All material used, and all work done must be satisfactory to the city engineer, and any work done or material used not satisfactory to said engineer shall be immediately removed, and work and material of required quality substituted.

6. If concrete is used, it shall be made as directed by the engineer, and paid for as so much masonry.

BIDS FOR CONSTRUCTION OF SCHOOL STREET BRIDGE.

SUPERSTRUCTURE.

Massilion Bridge Co.....	\$1,350 00
E. A. Spaulding.....	1,225 00
Latonia, Ohio, {No. 1.....	680 00
{No. 2.....	620 00
P. E. Lane, E. G. Ladd.....	900 00
St. Louis Bridge and Iron Co.....	850 00
Smith Bridge Co., {a.....	840 00
{b.....	879 00
*Ward & Keepers, Clinton, Iowa.....	775 00
Wisconsin Bridge and Iron Co.....	777 00
King Iron Bridge and Manufacturing Co.....	890 00
Mt. Vernon Bridge Co., a.....	795 00
Pittsburg Bridge Co.....	935 90
{a.....	799 00
Groton Bridge Co., {b.....	855 00
{c.....	860 00
{d.....	900 00

SUBSTRUCTURE—EXCAVATION.

	Stone.	Piles.	Timber.
T. D. Warwick.....	\$4 50 cu. yd.	50c. ft.	\$32 00 per M.
H. F. Peterson, 20c. pry d	6 00 "	35 "	25 00 "
Avery.....		50 "	36 00 "
*Peter Robertson.....	3 07 "	37 "	28 00 "
Geo. Wilson.....	4 30 "		
John Alexander.....	4 25 "	50 "	35 00 "

* Accepted.

GRADES ESTABLISHED ON STREETS DURING THE FISCAL YEAR ENDING DECEMBER 31, 1887.

Wyman—State to Peach.
Main—State to North.
Church—State to North.
Court—State to North.
Winnebago—State to Mulberry.

Winnebago—Peach to Locust.
 West—State to 150 feet north of north line of Cherry.
 Horsman—State to Locust.
 State—West to Horsman.
 Mulberry—Wyman to Horsman.
 Peach—Wyman to Horsman.
 North—Well to 150 feet west of west line of Horsman.
 Cherry—Winnebago to Horsman.
 Locust—Winnebago to Horsman.
 Grove—Madison to Kishwaukee.
 Oak—Madison to Kishwaukee.
 Walnut—Madison to Kishwaukee.
 State—East end city bridge to East st.
 Market—Madison to State.
 Jefferson—Madison to East.
 Madison—Grove to Jefferson.
 First st—Grove to Jefferson.
 Second st.—Bridge over C. & N. W. Railroad to Jefferson.
 Third st.—Bridge over C. & N. W. Railroad to Jefferson.
 May—200 feet south of south line Grove to Kishwaukee.
 Main—North to Salem.
 Church—North to Napoleon.
 Court—North to Locust.
 Court—Whitman to Salem.
 Grant ave.—Whitman to Sumner.
 Haskell ave.—Fisher ave. to Ashland ave.
 Winnebago—Locust to Bruce.
 George—Winnebago to Whitman.
 Park—Church to Court.
 Palm—Court to Winnebago.
 Fisher ave.—Main to Church.
 Whitman—Main to Winnebago.
 Napoleon—Main to Grant ave.
 John—Court to Grant ave.
 Salem—Main to Court.
 Bruce—Thomas to Winnebago.
 Locust—Court to Winnebago.
 Locust—Horsman to Pecatonica.

CITY RECORDS KEPT BY ENGINEERING DEPARTMENT.

MAPS AND PLATS.

Topographical map.
 Sewer maps.
 Water map.
 Street and property maps.
 Assessment maps.
 Plats of additions and sub-divisions.
 Monument map.
 Distance map.
 Grade map.

BOOKS.

Street profile book for city clerk's office.
Street profile book for city engineer's office.
Street grade book for city clerk's office.
Street grade book for city engineer's office.
Street levels.
Street centres.
Street distances.
Alley levels.
Monuments.
Additions.
Established grade given.
Approximate grade given.
Sewer profiles.
Sewer details.
Bridge and details.
General records.

A map showing the position of all gas pipes in the public streets is proposed. Also a street and property book giving deeds, etc., by which streets or other real estate was acquired by the city.

REPORT OF THE Board of Health of the City of Rockford,

For Eight Months, ending December 31, 1887.

To the Honorable Mayor and City Council of the City of Rockford :

GENTLEMEN:—Owing to the change in the fiscal year, and in compliance with resolution of city council, I have the honor to submit to you herewith the report of the department of health of the city of Rockford for eight months of the year 1887, ending December 31st.

It is with pleasure I acknowledge the many courtesies from citizens, city council, and police department, and their hearty support and co-operation.

Very respectfully,

E. E. ODER, M. D., Health Officer.

In the following statement you will find the itemized expenses of the health department.

Health officer's salary.....	\$ 300 00	
Pest house keeper	166 67	
Removing nuisance.....	100 25	
Pest house repairs.	15 95	
Disinfecting public buildings.....	41 71	
Supplies	46 95	
Printing.....	57 03	
House to house inspection.....	233 00	
		\$ 961 56
General appropriation.....	\$1,315 00	
Contingent fund.....	200 00	
		\$1,515 00
Expenses less appropriation.....	\$ 553 44	
Less contingent fund.....	353 44	

HEALTH OF CITY.

While the general health of the city has been reasonably good, not having had epidemics of any kind, yet we have had some more sickness, and a slight increase in the death rate, during the last eight months over last year. This has been due to the climatic conditions of the past summer and fall. The very hot and dry weather during the summer caused an unusual fatality among children from cholera-infantum, and among the aged from cholera morbus, while the continual dry weather, until late in the fall, was the cause of an unusual amount of typhoid troubles, with quite a number of fatal cases. Also, in the earlier part of winter, the climatic conditions were very favorable for

the spread of diphtheria and scarlet fever. But I am happy to say, that while these diseases existed, yet they have been confined to certain localities, and with few exceptions have been of a mild form.

The slight difference in the death rate cannot properly be attributed to the general sanitary condition of our city. While the hygienic surroundings of certain families no doubt predispose them to these diseases under such climatic conditions, yet such sanitation, to a certain extent, is beyond the reach of the board. In such cases we can do no more than advise, can not compel them personally to keep things in a good hygienic and sanitary condition, and the use of well and cistern water is, without doubt, the cause of the greater part if not all typhoid troubles. This will be the case in dry seasons especially, as long as well and cistern waters are used for drinking, and when we consider the number that depend on wells and cisterns entirely, we feel that our city has been fortunate in not having more sickness from typhoid fever.

VITAL STATISTICS.

Owing to the change in the fiscal year, we are again unable to give a mortuary report for an entire year. In giving the death rate for the last eight months of 1887, we base our calculations on a population of 21,000. There occurred during the past eight months within the city, 228 deaths; 293 burial permits were issued; of this number none were colored.

The accompanying table will give the mortality by months, sex, age, and place of death. The death rate for the past eight months would give us an annual death rate of 14.47 per 1,000 in the city. Of the total deaths in the city, 30 were from zymotic diseases; 31 from cholera-infantum; 8 from cholera morbus, and thirty from lung troubles. Over one-half of the deaths in the city, during the eight months, occurred in July, August, and September. When we deduct the number of deaths from summer troubles and zymotic diseases, our death rate would be less than in our last report, or about 12 per 1,000. In the deaths reported, as by consumption, 7 were male and 22 females, this is an unusual ratio.

HOUSE TO HOUSE INSPECTION.

An appropriation of \$225 00 was made at the beginning of the fiscal year for a house to house inspection of the city. It was thought that as we had an inspection the summer before, and by modifying the blanks used, that the city could be inspected for this amount. But owing to the excessive hot and dry summer, causing an extra amount of work, the appropriation was not enough to do the work as we would like to have done it.

In order to accomplish as much as possible in direct sanitation, a modified form of the state board's blanks were adopted by the board, embracing the following questions:

Inspection No....., Ward....., Street....., Avenue....., No....., Owner or agent....., Address....., Condition of basement or cellar....., Cess-pool....., Sink and drain....., Privy vault....., Water closet....., Yard....., Alley....., Names of heads of families....., Condition of building....., Animals....., Water supply....., Nuisance.....

We inspected 3,652 houses, and as the inspection was made directly

for unsanitary conditions, the following will give the conditions where improvements were made, and for which written notices were served:

Condition of buildings and cellars.....	110
Alleys, manure, and garbage.....	151
Cesspools, sink, and drain.....	70
Cisterns.....	29
Privy vaults.....	426
Sewers and water closets.....	29
Yards and weeds.....	109
Pig pens.....	21
Total.....	945

In the inspection during the summer of 1886, 3,376 houses were inspected, and 1,075 unsanitary conditions found. Summer of 1887, 3,652 inspected, and 945 unsanitary conditions found. The entire cost of inspection was \$233 00; this would be about six and one-half cents for each inspection.

We need not take your time to call attention to the necessity and advantage of such inspections, for all who have given the subject any thought admit that the advantages gained are well worth the money expended, for in no other way could we accomplish as much good sanitarially with so small expenditure.

We served 690 written notices during the inspection for unsanitary conditions found by the inspectors. Only four arrests were made for failing to comply with ordinances and the requirements of the board.

SEWERS.

We are taught by sanitary science to effectively apply "prevention." It aims to save life by removing the causes of sickness and death as far as possible. By practicing its teachings we may eliminate from a community the list of zymotic diseases.

Hundreds have died in this country during the last summer and fall from typhoid fever, and our own city has added its number of deaths to help swell the death rate from this disease. What is the cause? Impure drinking water and impure air, contaminated by any form of filth, such as cesspools, privy vaults, etc. This has been definitely settled beyond dispute, that the germs that produce typhoid fever enter the system through contaminated water and air; a vault and cesspool are located in close proximity to the dwelling house, cistern and well. The accumulated and pent up poisons from both soak into well and cistern, defiling the drinking water. The air, saturated by filthy emanations, is drawn by way of the cellar directly into the house; typhoid fever follows. This has been demonstrated by actual experience time and again.

What is the remedy? Good sanitation says, "prevent it," by a well constructed and impervious sewer system, with a pure water supply, thereby lessening, if not entirely preventing, not only typhoid but all other zymotic diseases. We have the source from which healthful water can be procured; let the facilities be increased, until the entire city can be supplied with artesian water. There is an increasing demand for sewers from all parts of the city. Thinking citizens are fast becoming to realize the necessity of sewers. Let the system now under considera-

tion be pushed to completion, so that this long needed necessity for the health and welfare of our citizens can be secured as soon as possible. This is a necessary improvement that we cannot much longer well do without, and it should be borne in mind that no sewer system should be adopted that does not empty into the river below the dam. This is an actual necessity in any system adopted to have it complete.

GARBAGE.

In former reports I called your attention to the necessity of some system for the disposal of garbage. This has become an actual necessity, not only for the disposal but the removal of such material. What we want and need, and that during the coming summer, is a garbage system; some one to remove the garbage at least during the summer months, to be appointed by the mayor, and give a bond for the faithful performance of such duty. It is useless to require citizens to keep suitable receptacles for receiving garbage and other refuse, and provide no adequate means for its removal. During the past summer we were time and again asked the question: "What shall I do with my garbage? Can you send me any one who will remove it? I put it in a barrel and engage a man to remove it; he done so once, but have not seen him since. What must I do?" We could only tell him that he would have to remove it, as it was a nuisance and endangered the public health. All such material should be removed at the expense of the city. If there is not some system and definite arrangement for its removal, it had vastly better be thrown upon the ground than to be gathered in a barrel to rot and poison the air, thereby endangering the health of the neighborhood.

Dr. Victor C. Vaughn, of Michigan, in his prize essay on Healthy Homes, etc., awarded by the American Public Health Association, says: "One of the most important questions connected with modern sanitation is as to the best methods of disposing of waste matter. When allowed to accumulate in the vicinity of homes, it may poison both the water and air. Many of the older cities of Europe have become thoroughly satiated with filth, and for this reason cholera has found a fertile field for its growth in Spain, Italy, and southern France. Filth and disease always go hand in hand, the former leading the latter."

This is from good authority; and experience and observation has demonstrated its truthfulness. Then there are other considerations that will necessitate some system of this kind. In view of the fact that the adoption of a sewer system in the near future is probable, it will require that some means be adopted to remove garbage and other refuses, or we will find such material going into the sewers, which would be liable to cause obstruction, and refuse should not get into a sewer. There is a growing demand for the paving of streets, and when done, it will require for good sanitary reasons, that such material should not be thrown on them, and while the ordinances forbid, and all admit that the throwing of refuse on the streets in their present condition is a nuisance, yet, when they are paved it is an absolute and an actual necessity to keep them clean and clear of all refuse matter. We would, therefore, ask your honorable body that an appropriation sufficient to pay for the removal of garbage for five months, beginning in May, be made for its removal in the most densely populated part of the city at least, if not the entire city.

Report of Superintendent of Sewers.

To the City Council of the City of Rockford.

GENTLEMEN:—I would respectfully report the sewers in good condition and clean.

The only repairs necessary during the season being the opening and cleaning of the South Second street lateral, which had become filled with sand, and the extension of the river end of the Mulberry street sewer twenty-four feet, and placing its outlet three feet under low water.

The expenditures made were:

For river end Mulberry st., Iron pipe.....	\$ 46 80	
“ “ “ “ “ Stone.....	12 25	
“ “ “ “ “ Cement.....	1 75	
“ “ “ “ “ Labor.....	21 80	
Total		\$ 82 60
For repairs, South Second st.....		27 00
For cleaning basins.....		53 65
Total		\$163 25
Unexpended balance.....		786 75
Appropriation		\$950 00
General repairs	\$500 00	
Apparatus.....	200 00	
Cleaning	250 00	
Total	\$950 00	

JOHN T. LAKIN,
Superintendent of Sewers.

ANNUAL REPORT

Park Commissioners, West Side.

1887.

To the Honorable Mayor and City Council of the City of Rockford:

The Board of Park Commissioners for the Western Park District of the city of Rockford, beg leave to submit their report of the receipts and expenditures during the past fiscal year.

We had on hand at the commencement of the term the sum of \$13 69, and received at your hands an appropriation of three hundred dollars (\$300.00), making a total sum for park purposes under our jurisdiction of \$313.69. We have expended for park purposes, the bills of which are herewith submitted, the sum of \$405 81; which leaves a deficit of \$92 12. This amount has been obtained through a personal loan to the individuals composing the board. As a considerable portion of the expenses have resulted from the expense of a foundation for the placing and proper protection of the fountain which was donated to the city, we believe that an appropriation of the same amount, viz: \$300 00, will enable us to cancel the present indebtedness, and make such improvements as may be necessary for the proper care of the park property under our charge for the incoming fiscal year.

Respectfully submitted, J. S. TICKNOR;
Treasurer and Sec'y Board of Park Commissioners, West District.
Rockford, Ill., Dec. 23, 1887.

Statement of Disbursement Account of Park purposes by the Board of Park Commissioners.

1887.

July 9,	Cash paid Waldo for park account book.....	\$ 50
" 21,	" " W. J. Pells, account lights at celebration...	1 50
" 29,	" " A. W. Cobb, for lawn mower.....	10 18
Aug. 8,	" " Wm. Pratt, park labor.....	18 30
" 8,	" " Barker, account music in park.....	30 00
" 8,	" " Jones, W. & Co., account plumbing.....	10 60
" 10,	" " O. I. Luce, fountain railing.....	130 00
" 27,	" " Wm. Wellington, labor.....	3 00

Forward.....\$199 08

	Brought forward.....	\$199 08
Sept. 1,	Cash paid Wm. Pratt, park labor.....	11 70
" 14,	" " White & Frisbis, concrete walk.....	97 76
Oct. 3,	" " Wm. Pratt, park labor.....	8 85
" 28,	" " Woolford, masonry.....	64 75
Nov. 5,	" " Gazette, reward advertisement.....	2 00
" 7,	" " Wm. Pratt, park labor.....	5 40
" 19,	" " Register, reward advertisement.....	2 97
" 26,	" " Hauling lumber, fountain cover.....	50
Dec. 3,	" " Wm. Pratt, November labor.....	7 80
Total.....		\$405 81

The above bills have all been paid by order of the chairman of the Board of Park Commissioners, and the several bills are herewith submitted.

J. S. TICKNOR,

Secretary and Treasurer Board of Park Commissioners.

ANNUAL REPORT

Board of Park Commissioners,

East Side, 1887.

Report of Treasurer East Side Park Commissioners.

1887.	Dr.	
July 7,	To balance on hand.....	\$ 1 25
" 7,	To received of city of Rockford.....	200 00
		\$201 25
1887.	Cr.	
	By paid for cutting, sprinkling and raking park since last report.....	\$ 39 14
July 8,	Repairs to fountain.....	8 09
Aug. 20,	City of Rockford for connecting with water mains.....	20 00
Dec. 1,	Bill for trees	12 00
" 31,	Springer & Gregory, for plumbing at foun- tain and connecting with main.....	26 68
	Cash on hand January 3, 1888.....	95 34
		\$201 25

L. A. TROWBRIDGE, Treasurer.

Rockford, January 3, 1888.